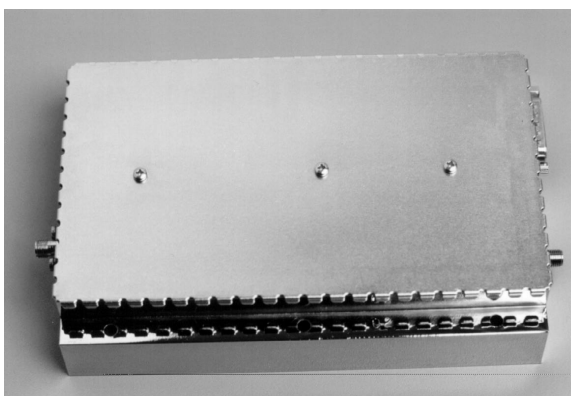


## **TLB0233**

**(Feedforward Amplifier 30W  
1850-1910 MHz 26dB gain)**

### **SCHEMATICS AND PARTS LIST**

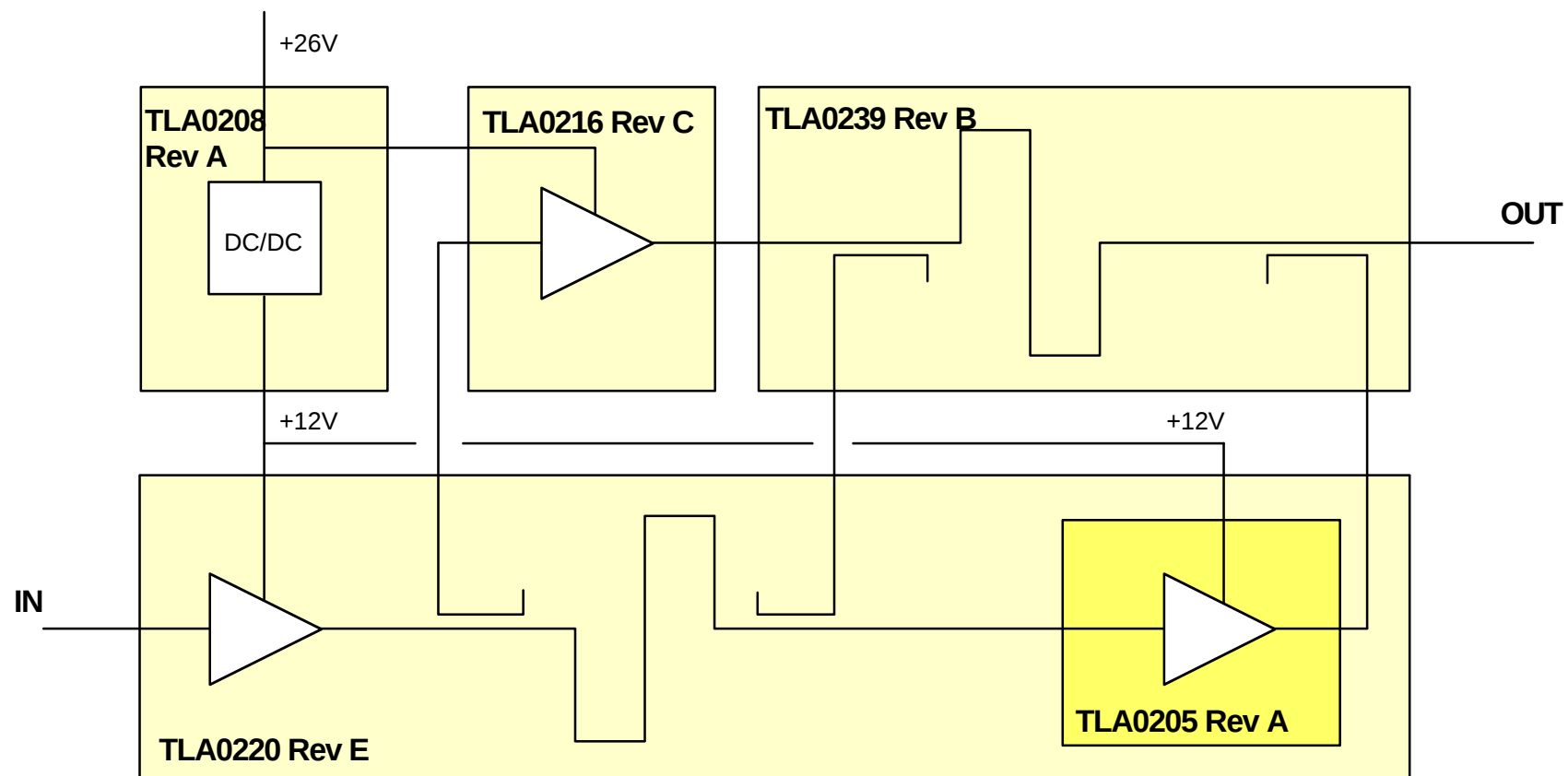


|                  |                      |
|------------------|----------------------|
| DOC n° : SL01002 | Date issued : Fev 01 |
| Revision :       | Date revised :       |

## TLB0233 SCHEMATICS AND PARTS LIST

| ASSEMBLY LEVEL 2 | ASSEMBLY LEVEL 1 | DESIGNATION | DOCUMENT | TYPE | PAGE |
|------------------|------------------|-------------|----------|------|------|
|------------------|------------------|-------------|----------|------|------|

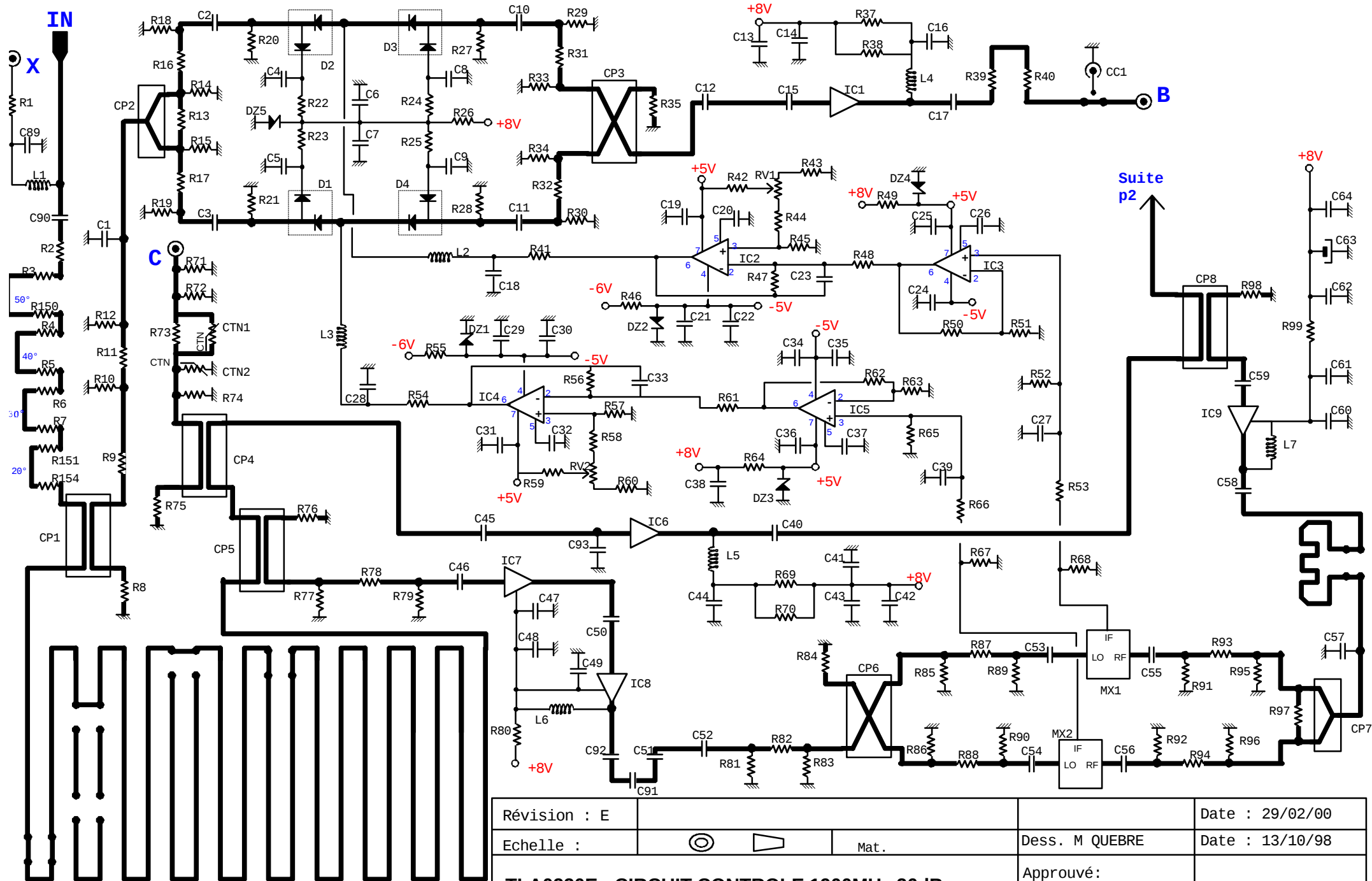
|         |               |                                       |           |                      |          |
|---------|---------------|---------------------------------------|-----------|----------------------|----------|
| TLB0233 |               | AMPLIFIER 30W 1850-1910 MHz 26dB GAIN | SC01003   | SCHEMATIC PARTS LIST | 1<br>2   |
|         | TLA0220 Rev E | CONTROL                               | 98SC036E  | SCHEMATIC PARTS LIST | 4<br>6   |
|         | TLA0205 Rev A | ERROR                                 | 98SC021B  | SCHEMATIC PARTS LIST | 14<br>15 |
|         | TLA0216 Rev C | MAIN                                  | 98SCO032D | SCHEMATIC PARTS LIST | 18<br>19 |
|         | TLA0239 Rev B | L.A.R.                                | 98SCO032D | SCHEMATIC PARTS LIST | 18<br>24 |
|         | TLA0208 Rev A | DC TO DC CONVERTER                    | 98SC023A  | SCHEMATIC PARTS LIST | 25<br>26 |



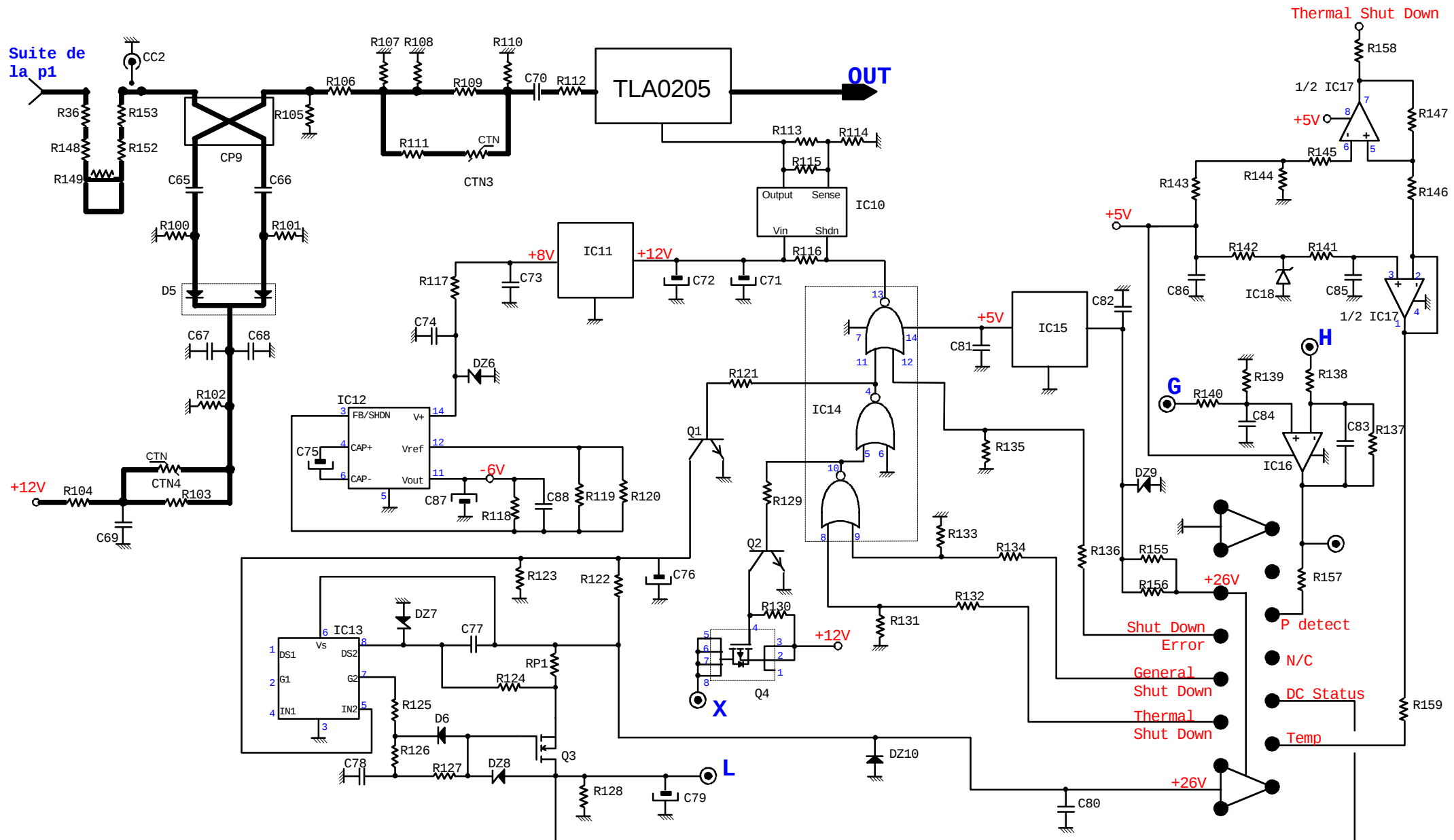
|                                                                             |   |   |                     |                                   |
|-----------------------------------------------------------------------------|---|---|---------------------|-----------------------------------|
| Révision :                                                                  |   |   |                     |                                   |
| Echelle :                                                                   | © | ▷ | Mat.                | Dess. M QUEBRE<br>Date : 07/02/01 |
| <b>TLB0233 : Feedforward Amplifier</b><br><b>30W 1850-1910MHz 26dB gain</b> |   |   | Approuvé :          |                                   |
|                                                                             |   |   | Fich. : SC01003.DRW |                                   |
| TELIA S. 46 allée de Megevie 33174 GRADIGNAN CEDEX                          |   |   | Dess. : SC01003     | Page 1/1                          |

| Repère | Désignation           | Boitier                | TELIACODE | FABRICANT 1 | REF FABRICANT 1               | FABRICANT 2 | REF FABRICANT 2               | Observations |
|--------|-----------------------|------------------------|-----------|-------------|-------------------------------|-------------|-------------------------------|--------------|
| CN1    | SUB D 15PTS MALE FILT | CONNECTEUR             | KSM150002 | FERROPERM   | 15MB102Z500P                  | FCT         | FC 15P5K120                   |              |
| CN2    | SMA FEM 2 TROUS       | EMBASE (+pin+téfl 5mm) | KCNF01003 | IMS         | 2276.42.2017.195              | IMS         |                               |              |
| DV1    | RPM07-2               | EMBALLAGE              | ZUCRPM072 | PSD         | Boîte fourreau + ceinture     | PSD         | Boîte fourreau + ceinture     |              |
| DV2    | Ø 6mm L=4.8mm         | CAPUCHON               | ADA060481 | MOPAC       | A6.0S4.8R VINYLE 9238         |             |                               |              |
| DV3    | Ø 6mm L=4.8mm         | CAPUCHON               | ADA060481 | MOPAC       | A6.0S4.8R VINYLE 9238         |             |                               |              |
| ET1    | 50.8x25.4 PREIMPRIMEE | ETIQUETTE              | ESA050251 | CABLOG      | CAB42-508254                  |             |                               |              |
| ET2    | ULTRADESTRUCTIBLE     | ETIQUETTE              | EMAGARAN1 | BRADY       | THT-5-351-10                  |             |                               |              |
| ET3    | ULTRADESTRUCTIBLE     | ETIQUETTE              | EMAGARAN1 | BRADY       | THT-5-351-10                  |             |                               |              |
| ET4    | ULTRADESTRUCTIBLE     | ETIQUETTE              | EMAGARAN1 | BRADY       | THT-5-351-10                  |             |                               |              |
| ET5    | ULTRADESTRUCTIBLE     | ETIQUETTE              | EMAGARAN1 | BRADY       | THT-5-351-10                  |             |                               |              |
| HW01   | Hex. M/F M3/US L=6    | ENTRETOISE SUB D       | VANH03061 | HARTING     | 09670009974                   | 09670009974 | 09670009974                   |              |
| HW02   | Hex. M/F M3/US L=6    | ENTRETOISE SUB D       | VANH03061 | HARTING     | 09670009974                   | 09670009974 | 09670009974                   |              |
| HW03   | INOX TC 2.5x6 PZ      | VIS                    | VVIC25062 |             | TC M 2.5X6 INOX PZ            |             | TC M2.5X6 INOX PZ             |              |
| HW04   | INOX TC 2.5x6 PZ      | VIS                    | VVIC25062 |             | TC M 2.5X6 INOX PZ            |             | TC M2.5X6 INOX PZ             |              |
| HW05   | INOX TC 2.5x6 PZ      | VIS                    | VVIC25062 |             | TC M 2.5X6 INOX PZ            |             | TC M2.5X6 INOX PZ             |              |
| HW06   | INOX 2.5mm            | ECROU                  | VEIH25191 |             | Ecrou M2.5 INOX               |             | Ecrou M2.5 INOX               |              |
| HW07   | INOX 2.5mm            | ECROU                  | VEIH25191 |             | Ecrou M2.5 INOX               |             | Ecrou M2.5 INOX               |              |
| HW08   | INOX 2.5mm            | GROWER                 | VRIG25051 |             | Rondelle Grower M2.5 X 5 INOX |             | Rondelle Grower M2.5 X 5 INOX |              |
| HW09   | INOX 2.5mm            | GROWER                 | VRIG25051 |             | Rondelle Grower M2.5 X 5 INOX |             | Rondelle Grower M2.5 X 5 INOX |              |
| HW10   | INOX TC 2.5x5 PZ      | VIS                    | VVCI25052 |             | TC M 2.5X5 INOX PZ            |             | TC M 2.5X5 INOX PZ            |              |
| HW11   | INOX TC 2.5x5 PZ      | VIS                    | VVCI25052 |             | TC M 2.5X5 INOX PZ            |             | TC M 2.5X5 INOX PZ            |              |
| HW12   | INOX 2.5mm            | GROWER                 | VRIG25051 |             | Rondelle Grower M2.5 X 5 INOX |             | Rondelle Grower M2.5 X 5 INOX |              |
| HW13   | INOX 2.5mm            | GROWER                 | VRIG25051 |             | Rondelle Grower M2.5 X 5 INOX |             | Rondelle Grower M2.5 X 5 INOX |              |
| HW14   | INOX TC 2.5x8 PZ      | VIS                    | VVIC25082 |             | TC M 2.5X8 INOX PZ            |             | DIN7985 TC M2.5X8 INOX PZ     |              |
| HW15   | INOX TC 2.5x8 PZ      | VIS                    | VVIC25082 |             | TC M 2.5X8 INOX PZ            |             | DIN7985 TC M2.5X8 INOX PZ     |              |
| HW16   | BTR INOX 2.5x6        | VIS                    | VVIB25061 |             | CHC M2.5 X 6 INOX             |             | CHC M2.5 X 6 INOX             |              |
| HW17   | BTR INOX 2.5x6        | VIS                    | VVIB25061 |             | CHC M2.5 X 6 INOX             |             | CHC M2.5 X 6 INOX             |              |
| HW18   | BTR INOX 2.5x6        | VIS                    | VVIB25061 |             | CHC M2.5 X 6 INOX             |             | CHC M2.5 X 6 INOX             |              |
| HW19   | BTR INOX 2.5x6        | VIS                    | VVIB25061 |             | CHC M2.5 X 6 INOX             |             | CHC M2.5 X 6 INOX             |              |
| HW20   | BTR INOX 2.5x6        | VIS                    | VVIB25061 |             | CHC M2.5 X 6 INOX             |             | CHC M2.5 X 6 INOX             |              |
| HW21   | BTR INOX 2.5x6        | VIS                    | VVIB25061 |             | CHC M2.5 X 6 INOX             |             | CHC M2.5 X 6 INOX             |              |
| HW22   | BTR INOX 2.5x6        | VIS                    | VVIB25061 |             | CHC M2.5 X 6 INOX             |             | CHC M2.5 X 6 INOX             |              |
| HW23   | BTR INOX 2.5x6        | VIS                    | VVIB25061 |             | CHC M2.5 X 6 INOX             |             | CHC M2.5 X 6 INOX             |              |
| HW24   | BTR INOX 2.5x6        | VIS                    | VVIB25061 |             | CHC M2.5 X 6 INOX             |             | CHC M2.5 X 6 INOX             |              |
| HW25   | BTR INOX 2.5x6        | VIS                    | VVIB25061 |             | CHC M2.5 X 6 INOX             |             | CHC M2.5 X 6 INOX             |              |
| HW26   | INOX TC 2x8 PZ        | VIS                    | VVCI02082 |             | TC M2 X 8 INOX PZ             |             | TC M2 X 8 INOX PZ             |              |
| HW27   | INOX TC 2x8 PZ        | VIS                    | VVCI02082 |             | TC M2 X 8 INOX PZ             |             | TC M2 X 8 INOX PZ             |              |
| HW28   | INOX TC 2x8 PZ        | VIS                    | VVCI02082 |             | TC M2 X 8 INOX PZ             |             | TC M2 X 8 INOX PZ             |              |
| HW29   | INOX TC 2x8 PZ        | VIS                    | VVCI02082 |             | TC M2 X 8 INOX PZ             |             | TC M2 X 8 INOX PZ             |              |
| HW30   | INOX TC 2x8 PZ        | VIS                    | VVCI02082 |             | TC M2 X 8 INOX PZ             |             | TC M2 X 8 INOX PZ             |              |
| HW31   | INOX TC 2x8 PZ        | VIS                    | VVCI02082 |             | TC M2 X 8 INOX PZ             |             | TC M2 X 8 INOX PZ             |              |

| Repère | Désignation      | Boitier            | TELIACODE | FABRICANT 1    | REF FABRICANT 1             | FABRICANT 2 | REF FABRICANT 2             | Observations |
|--------|------------------|--------------------|-----------|----------------|-----------------------------|-------------|-----------------------------|--------------|
| HW32   | INOX TC 2x8 PZ   | VIS                | VVCi02082 |                | TC M2 X 8 INOX PZ           |             | TC M2 X 8 INOX PZ           |              |
| HW33   | INOX TC 2x8 PZ   | VIS                | VVCi02082 |                | TC M2 X 8 INOX PZ           |             | TC M2 X 8 INOX PZ           |              |
| HW34   | INOX TC 2x8 PZ   | VIS                | VVCi02082 |                | TC M2 X 8 INOX PZ           |             | TC M2 X 8 INOX PZ           |              |
| HW35   | INOX TC 2x8 PZ   | VIS                | VVCi02082 |                | TC M2 X 8 INOX PZ           |             | TC M2 X 8 INOX PZ           |              |
| HW36   | INOX TC 2x8 PZ   | VIS                | VVCi02082 |                | TC M2 X 8 INOX PZ           |             | TC M2 X 8 INOX PZ           |              |
| HW37   | INOX TC 2x8 PZ   | VIS                | VVCi02082 |                | TC M2 X 8 INOX PZ           |             | TC M2 X 8 INOX PZ           |              |
| HW38   | INOX 2mm         | GROWER             | VRIG02041 |                | Rondelle Grower M2 X 4 INOX |             | Rondelle Grower M2 X 4 INOX |              |
| HW39   | INOX 2mm         | GROWER             | VRIG02041 |                | Rondelle Grower M2 X 4 INOX |             | Rondelle Grower M2 X 4 INOX |              |
| HW40   | INOX 2mm         | GROWER             | VRIG02041 |                | Rondelle Grower M2 X 4 INOX |             | Rondelle Grower M2 X 4 INOX |              |
| HW41   | INOX 2mm         | GROWER             | VRIG02041 |                | Rondelle Grower M2 X 4 INOX |             | Rondelle Grower M2 X 4 INOX |              |
| HW42   | INOX 2mm         | GROWER             | VRIG02041 |                | Rondelle Grower M2 X 4 INOX |             | Rondelle Grower M2 X 4 INOX |              |
| HW43   | INOX 2mm         | GROWER             | VRIG02041 |                | Rondelle Grower M2 X 4 INOX |             | Rondelle Grower M2 X 4 INOX |              |
| HW44   | INOX 2mm         | GROWER             | VRIG02041 |                | Rondelle Grower M2 X 4 INOX |             | Rondelle Grower M2 X 4 INOX |              |
| HW45   | INOX 2mm         | GROWER             | VRIG02041 |                | Rondelle Grower M2 X 4 INOX |             | Rondelle Grower M2 X 4 INOX |              |
| HW46   | INOX 2mm         | GROWER             | VRIG02041 |                | Rondelle Grower M2 X 4 INOX |             | Rondelle Grower M2 X 4 INOX |              |
| HW47   | INOX 2mm         | GROWER             | VRIG02041 |                | Rondelle Grower M2 X 4 INOX |             | Rondelle Grower M2 X 4 INOX |              |
| HW48   | INOX 2mm         | GROWER             | VRIG02041 |                | Rondelle Grower M2 X 4 INOX |             | Rondelle Grower M2 X 4 INOX |              |
| HW49   | INOX 2mm         | GROWER             | VRIG02041 |                | Rondelle Grower M2 X 4 INOX |             | Rondelle Grower M2 X 4 INOX |              |
| HW50   | INOX TC 2x8 PZ   | VIS                | VVCi02082 |                | TC M2 X 8 INOX PZ           |             | TC M2 X 8 INOX PZ           |              |
| HW51   | INOX 2mm         | GROWER             | VRIG02041 |                | Rondelle Grower M2 X 4 INOX |             | Rondelle Grower M2 X 4 INOX |              |
| ME1    | 97ME124A-99SE001 | COUVERCLE N°1 RP9  | MZ097124A | DEMISO         | 97ME124A-99SE001            |             |                             |              |
| ME2    | 99ME063B         | BASE CUIVRE RP9    | MBB99063B | IDMM           | 99ME063B                    | A.D.M.I     | 99ME063B                    |              |
| ME3    | 98ME068 L=9.6mm  | TRAVERSEE TEFLON   | MDD980680 | IDMM INDUSTRIE | 98ME068                     |             |                             |              |
| ME4    | 98ME068 L=9.6mm  | TRAVERSEE TEFLON   | MDD980680 | IDMM INDUSTRIE | 98ME068                     |             |                             |              |
| ME5    | 98ME069 L=28mm   | AME POUR TRAVERSEE | MDD980690 | IDMM INDUSTRIE | 98ME069                     |             |                             |              |
| ME6    | 98ME069 L=28mm   | AME POUR TRAVERSEE | MDD980690 | IDMM INDUSTRIE | 98ME069                     |             |                             |              |
| TL1    | CONTROLE         | CIRCUIT            | TLA0220RE |                |                             |             |                             |              |
| TL2    | ERREUR           | CIRCUIT            | TLA0205RA | TELIA          | TLA0205A                    |             |                             |              |
| TL3    | MAIN             | CIRCUIT            | TLA0216RC |                |                             |             |                             |              |
| TL4    | L.A.R.           | CIRCUIT            | TLA0239RB |                |                             |             |                             |              |
| TL5    | DEVOLTEUR        | CIRCUIT            | TLA0208RA | TELIA          | TLA0208A                    |             |                             |              |



|                                          |     |      |                                   |
|------------------------------------------|-----|------|-----------------------------------|
| Révision : E                             |     |      | Date : 29/02/00                   |
| Echelle :                                | ⊙ ▷ | Mat. | Dess. M QUEBRE<br>Date : 13/10/98 |
| TLA0220E : CIRCUIT CONTROLE 1900MHz 26dB |     |      | Approuvé:                         |
|                                          |     |      | Fich.: 98SC036E.DRW               |
|                                          |     |      | Dess.: 98SC036E                   |
| Page 1/2                                 |     |      |                                   |



|                                                     |     |      |                                   |
|-----------------------------------------------------|-----|------|-----------------------------------|
| Révision : E                                        |     |      | Date : 29/02/00                   |
| Echelle :                                           | ⊙ ▢ | Mat. | Dess. M QUEBRE<br>Date : 13/10/98 |
| TLA0220E : CIRCUIT CONTROLE 1900MHz 26dB            |     |      | Approuvé:                         |
| TELIA S. .46 allée de Megevie 33174 GRADIGNAN CEDEX |     |      | Fich.: 98SC036E.DRW               |
|                                                     |     |      | Dess.: 98SC036E<br>Page 2/2       |

| Repère | Désignation | Boitier  | TELIACODE | FABRICANT 1 | REF FABRICANT 1 | FABRICANT 2 | REF FABRICANT 2 | Observations |
|--------|-------------|----------|-----------|-------------|-----------------|-------------|-----------------|--------------|
| C01    | 1pF-50V     | CAPA0603 | CCS11R0J1 | PHILIPS     | 0603CG010J9BB   |             |                 |              |
| C02    | 68pF-50V    | CAPA0603 | CCS1680J1 | AVX         | 06035A680JAT2A  | PHILIPS     |                 |              |
| C03    | 68pF-50V    | CAPA0603 | CCS1680J1 | AVX         | 06035A680JAT2A  | PHILIPS     |                 |              |
| C04    | 68pF-50V    | CAPA0603 | CCS1680J1 | AVX         | 06035A680JAT2A  | PHILIPS     |                 |              |
| C05    | 68pF-50V    | CAPA0603 | CCS1680J1 | AVX         | 06035A680JAT2A  | PHILIPS     |                 |              |
| C06    | 1nF-50V     | CAPA0603 | CCS1102K1 | AVX         | 06035C102KAT2A  | PHILIPS     | 06032R102K9BB00 |              |
| C07    | 1nF-50V     | CAPA0603 | CCS1102K1 | AVX         | 06035C102KAT2A  | PHILIPS     | 06032R102K9BB00 |              |
| C08    | 68pF-50V    | CAPA0603 | CCS1680J1 | AVX         | 06035A680JAT2A  | PHILIPS     |                 |              |
| C09    | 68pF-50V    | CAPA0603 | CCS1680J1 | AVX         | 06035A680JAT2A  | PHILIPS     |                 |              |
| C10    | 68pF-50V    | CAPA0603 | CCS1680J1 | AVX         | 06035A680JAT2A  | PHILIPS     |                 |              |
| C11    | 68pF-50V    | CAPA0603 | CCS1680J1 | AVX         | 06035A680JAT2A  | PHILIPS     |                 |              |
| C12    | 1nF-50V     | CAPA0603 | CCS1102K1 | AVX         | 06035C102KAT2A  | PHILIPS     | 06032R102K9BB00 |              |
| C13    | 1nF-50V     | CAPA0603 | CCS1102K1 | AVX         | 06035C102KAT2A  | PHILIPS     | 06032R102K9BB00 |              |
| C14    | 0.1µF-63V   | CAPA1206 | CCS3104M1 | VITRAMON    | VJ1206Y104MXAT  | PHILIPS     | 12062R104K9BB0D |              |
| C15    | 1nF-50V     | CAPA0603 | CCS1102K1 | AVX         | 06035C102KAT2A  | PHILIPS     | 06032R102K9BB00 |              |
| C16    | 1nF-50V     | CAPA0603 | CCS1102K1 | AVX         | 06035C102KAT2A  | PHILIPS     | 06032R102K9BB00 |              |
| C17    | 1nF-50V     | CAPA0603 | CCS1102K1 | AVX         | 06035C102KAT2A  | PHILIPS     | 06032R102K9BB00 |              |
| C18    | 68pF-50V    | CAPA0603 | CCS1680J1 | AVX         | 06035A680JAT2A  | PHILIPS     |                 |              |
| C19    | 10nF-50V    | CAPA0805 | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT  | AVX         | 08055C103KAT2A  |              |
| C20    | 22pF-50V    | CAPA0603 | CCS1220J1 | AVX-KYOCERA | 06035A220JAT00J | AVX         | 06035A220JAT2A  |              |
| C21    | 10nF-50V    | CAPA0805 | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT  | AVX         | 08055C103KAT2A  |              |
| C22    | 1nF-50V     | CAPA0603 | CCS1102K1 | AVX         | 06035C102KAT2A  | PHILIPS     | 06032R102K9BB00 |              |
| C23    | 10nF-50V    | CAPA0603 | CCS1103K1 | MURATA      | X7R103K50       | PHILIPS     | 06032R103K9BB   |              |
| C24    | 1nF-50V     | CAPA0603 | CCS1102K1 | AVX         | 06035C102KAT2A  | PHILIPS     | 06032R102K9BB00 |              |
| C25    | 1nF-50V     | CAPA0603 | CCS1102K1 | AVX         | 06035C102KAT2A  | PHILIPS     | 06032R102K9BB00 |              |
| C26    | 10pF-50V    | CAPA0603 | CCS1100J1 | PHILIPS     | 0603CG100J9BB   |             |                 |              |
| C27    | 22pF-50V    | CAPA0603 | CCS1220J1 | AVX-KYOCERA | 06035A220JAT00J | AVX         | 06035A220JAT2A  |              |
| C28    | 68pF-50V    | CAPA0603 | CCS1680J1 | AVX         | 06035A680JAT2A  | PHILIPS     |                 |              |
| C29    | 10nF-50V    | CAPA0805 | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT  | AVX         | 08055C103KAT2A  |              |
| C30    | 1nF-50V     | CAPA0603 | CCS1102K1 | AVX         | 06035C102KAT2A  | PHILIPS     | 06032R102K9BB00 |              |
| C31    | 10nF-50V    | CAPA0805 | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT  | AVX         | 08055C103KAT2A  |              |
| C32    | 22pF-50V    | CAPA0603 | CCS1220J1 | AVX-KYOCERA | 06035A220JAT00J | AVX         | 06035A220JAT2A  |              |
| C33    | 10nF-50V    | CAPA0603 | CCS1103K1 | MURATA      | X7R103K50       | PHILIPS     | 06032R103K9BB   |              |
| C34    | 10nF-50V    | CAPA0805 | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT  | AVX         | 08055C103KAT2A  |              |
| C35    | 1nF-50V     | CAPA0603 | CCS1102K1 | AVX         | 06035C102KAT2A  | PHILIPS     | 06032R102K9BB00 |              |
| C36    | 1nF-50V     | CAPA0603 | CCS1102K1 | AVX         | 06035C102KAT2A  | PHILIPS     | 06032R102K9BB00 |              |
| C37    | 10pF-50V    | CAPA0603 | CCS1100J1 | PHILIPS     | 0603CG100J9BB   |             |                 |              |
| C38    | 10nF-50V    | CAPA0805 | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT  | AVX         | 08055C103KAT2A  |              |
| C39    | 22pF-50V    | CAPA0603 | CCS1220J1 | AVX-KYOCERA | 06035A220JAT00J | AVX         | 06035A220JAT2A  |              |
| C40    | 1nF-50V     | CAPA0603 | CCS1102K1 | AVX         | 06035C102KAT2A  | PHILIPS     | 06032R102K9BB00 |              |
| C41    | 1nF-50V     | CAPA0603 | CCS1102K1 | AVX         | 06035C102KAT2A  | PHILIPS     | 06032R102K9BB00 |              |

| Repère | Désignation | Boitier     | TELIACODE | FABRICANT 1 | REF FABRICANT 1     | FABRICANT 2 | REF FABRICANT 2     | Observations |
|--------|-------------|-------------|-----------|-------------|---------------------|-------------|---------------------|--------------|
| C42    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C43    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C44    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C45    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C46    | 1nF-50V     | CAPA0805    | CCS2102J1 | VITRAMON    | VJ0805A102JXATM     | SIEMENS     | B37940K5102J62      |              |
| C47    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C48    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C49    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C50    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C51    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C52    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C53    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C54    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C55    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C56    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C57    | 1pF-50V     | CAPA0603    | CCS11R0J1 | PHILIPS     | 0603CG010J9BB       |             |                     |              |
| C58    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C59    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C60    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C61    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C62    | 0.1µF-63V   | CAPA1206    | CCS3104M1 | VITRAMON    | VJ1206Y104MXAT      | PHILIPS     | 12062R104K9BB0D     |              |
| C63    | 10µF-16V    | 293D SIZE C | CTC106161 | SPRAGUE     | 293D 106 X9 016 C2T | KEMET       | T491C106K016AS      |              |
| C64    | 10nF-50V    | CAPA0805    | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT      | AVX         | 08055C103KAT2A      |              |
| C65    | 1pF-50V     | CAPA0603    | CCS11R0J1 | PHILIPS     | 0603CG010J9BB       |             |                     |              |
| C66    | 1pF-50V     | CAPA0603    | CCS11R0J1 | PHILIPS     | 0603CG010J9BB       |             |                     |              |
| C67    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C68    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C69    | 1µF-16V     | CAPA1206    | CCS3105K1 | TDK         | C3216X7R1C105KT     | PHILIPS     | 12062R105K7BB       |              |
| C70    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00     |              |
| C71    | 33µF-25V    | 293D SIZE E | CTXE336F1 | AVX         | TPSE336K025R0300    |             |                     |              |
| C72    | 33µF-25V    | 293D SIZE E | CTXE336F1 | AVX         | TPSE336K025R0300    |             |                     |              |
| C73    | 10nF-50V    | CAPA0805    | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT      | AVX         | 08055C103KAT2A      |              |
| C74    | 0.1µF-63V   | CAPA1206    | CCS3104M1 | VITRAMON    | VJ1206Y104MXAT      | PHILIPS     | 12062R104K9BB0D     |              |
| C75    | 10µF-16V    | 293D SIZE C | CTC106161 | SPRAGUE     | 293D 106 X9 016 C2T | KEMET       | T491C106K016AS      |              |
| C76    | 1µF-35V     | 293D SIZE B | CTB105351 | KEMET       | T491B105K035ASTR    | SPRAGUE     | 293D 105 X9 035 B2T |              |
| C77    | 10nF-50V    | CAPA0805    | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT      | AVX         | 08055C103KAT2A      |              |
| C78    | 10nF-50V    | CAPA0805    | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT      | AVX         | 08055C103KAT2A      |              |
| C79    | 22µF-35V    | 293D SIZE E | CTXE226G1 | KEMET       | T495X226K035AS      | KEMET       | T495X226M035 AS     |              |
| C80    | 0.1µF-63V   | CAPA1206    | CCS3104M1 | VITRAMON    | VJ1206Y104MXAT      | PHILIPS     | 12062R104K9BB0D     |              |
| C81    | 10nF-50V    | CAPA0805    | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT      | AVX         | 08055C103KAT2A      |              |
| C82    | 10nF-50V    | CAPA0805    | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT      | AVX         | 08055C103KAT2A      |              |

| Repère | Désignation         | Boitier            | TELIACODE | FABRICANT 1     | REF FABRICANT 1      | FABRICANT 2 | REF FABRICANT 2  | Observations |
|--------|---------------------|--------------------|-----------|-----------------|----------------------|-------------|------------------|--------------|
| C83    | 1nF-50V             | CAPA0603           | CCS1102K1 | AVX             | 06035C102KAT2A       | PHILIPS     | 06032R102K9BB00  |              |
| C84    | 1nF-50V             | CAPA0603           | CCS1102K1 | AVX             | 06035C102KAT2A       | PHILIPS     | 06032R102K9BB00  |              |
| C85    | 1nF-50V             | CAPA0603           | CCS1102K1 | AVX             | 06035C102KAT2A       | PHILIPS     | 06032R102K9BB00  |              |
| C86    | 1nF-50V             | CAPA0603           | CCS1102K1 | AVX             | 06035C102KAT2A       | PHILIPS     | 06032R102K9BB00  |              |
| C87    | 33µF-25V            | 293D SIZE E        | CTXE336F1 | AVX             | TPSE336K025R0300     |             |                  |              |
| C88    | 2.2nF-50V           | CAPA0603           | CCS1222K1 | Philips         | 06032R222K9BB        |             |                  |              |
| C89    | 10nF-50V            | CAPA0603           | CCS1103K1 | MURATA          | X7R103K50            | PHILIPS     | 06032R103K9BB    |              |
| C90    | 100pF-50V           | CAPA0603           | CCS1101J1 | AVX-KYOCERA     | 06035A101JAT00J      |             |                  |              |
| C91    | 1nF-50V             | CAPA0603           | CCS1102K1 | AVX             | 06035C102KAT2A       | PHILIPS     | 06032R102K9BB00  |              |
| C92    | 1nF-50V             | CAPA0603           | CCS1102K1 | AVX             | 06035C102KAT2A       | PHILIPS     | 06032R102K9BB00  |              |
| C93    | 0.47pF-50V          | CAPA0603           | CCS1R47J1 | PHILIPS         | 0603CGR47J9BB        |             |                  |              |
| CC1    | MMS OR Fem-CMS      | Connecteur         | KCMF0MMS1 | RADIAL          | R209 408 052         | IMS         | 1595-99-2610-007 |              |
| CC2    | MMS OR Fem-CMS      | Connecteur         | KCMF0MMS1 | RADIAL          | R209 408 052         | IMS         | 1595-99-2610-007 |              |
| CI     | 98CK105C            | Gl180 Multicouches | PBM98105C | CSI             | 99CK105C             | CSI         | 99CK105C         |              |
| CP1    | COUPLEUR 1710-1785M | 90°-10dB-1206      | FCP101R71 | MURATA          | LDC20B100J1747       |             |                  |              |
| CP2    | COUPLEUR STH-03R    | 0°-3dB-1206        | FCPSTH031 | Hitachi         | STH-03R-2            | Hitachi     | STH-03R-2        |              |
| CP3    | COUPLEUR 1800-2000M | 90°-3dB-4.5x3.2mm  | FCP031G91 | MURATA          | LDC30B030GC1900B-200 |             |                  |              |
| CP4    | COUPLEUR 1710-1785M | 90°-10dB-1206      | FCP101R71 | MURATA          | LDC20B100J1747       |             |                  |              |
| CP5    | COUPLEUR 1710-1785M | 90°-10dB-1206      | FCP101R71 | MURATA          | LDC20B100J1747       |             |                  |              |
| CP6    | COUPLEUR 1800-2000M | 90°-3dB-4.5x3.2mm  | FCP031G91 | MURATA          | LDC30B030GC1900B-200 |             |                  |              |
| CP7    | COUPLEUR STH-03R    | 0°-3dB-1206        | FCPSTH031 | Hitachi         | STH-03R-2            | Hitachi     | STH-03R-2        |              |
| CP8    | COUPLEUR 1710-1785M | 90°-10dB-1206      | FCP101R71 | MURATA          | LDC20B100J1747       |             |                  |              |
| CP9    | COUPLEUR 1800-2000M | 90°-3dB-4.5x3.2mm  | FCP031G91 | MURATA          | LDC30B030GC1900B-200 |             |                  |              |
| CTN1   | 1kohm               | CTN0805            | RCC2102K1 | SIEMENS         | B57620C102K62        |             |                  |              |
| CTN2   | 470ohms             | CTN0805            | RCC2471J1 | SIEMENS         | B57620C471J62        | SIEMENS     | B57620C471J62    |              |
| CTN3   | 220ohms             | CTN0805            | RCC2221K1 | SIEMENS         | B57620C221K62        |             |                  |              |
| CTN4   | 10kohms             | CTN0805            | RCC2103J1 | SIEMENS         | B57620C103J62        | SIEMENS     | B57620C103J62    |              |
| D1     | HSMP386F            | SOT323             | DCPM386F1 | Hewlett Packard | HSMP-386F-BLK        |             |                  |              |
| D2     | HSMP386F            | SOT323             | DCPM386F1 | Hewlett Packard | HSMP-386F-BLK        |             |                  |              |
| D3     | HSMP386F            | SOT323             | DCPM386F1 | Hewlett Packard | HSMP-386F-BLK        |             |                  |              |
| D4     | HSMP386F            | SOT323             | DCPM386F1 | Hewlett Packard | HSMP-386F-BLK        |             |                  |              |
| D5     | VARACTOR MA4ST250C  | SOT23              | DCCTT2501 | MACOM           | MA4ST250CK-287       |             |                  |              |
| D6     | BAS16               | SOT23              | DCTBAS161 | MOTOROLA        | BAS16                | PHILIPS     | BAS16            |              |
| DZ01   | BZX84-C5V1          | SOT23              | DZT845V11 | PHILIPS         | BZX84-C5V1           | MOTOROLA    | BZX84C5V1LT1     |              |
| DZ02   | BZX84-C5V1          | SOT23              | DZT845V11 | PHILIPS         | BZX84-C5V1           | MOTOROLA    | BZX84C5V1LT1     |              |
| DZ03   | BZX84-C5V1          | SOT23              | DZT845V11 | PHILIPS         | BZX84-C5V1           | MOTOROLA    | BZX84C5V1LT1     |              |
| DZ04   | BZX84-C5V1          | SOT23              | DZT845V11 | PHILIPS         | BZX84-C5V1           | MOTOROLA    | BZX84C5V1LT1     |              |
| DZ05   | BZX84-C2V7          | SOT23              | DZT842V71 | PHILIPS         | BZV84-C2V7           |             |                  |              |
| DZ06   | BZV55-C6V8          | SOD80              | DCZJ06V81 | PHILIPS         | BZV55-C6V8           |             |                  |              |
| DZ07   | BZX84-C30           | SOT23              | DZT8430V1 | PHILIPS         | BZX84-C30            |             |                  |              |
| DZ08   | BZX84-C11V          | SOT23              | DCZT011V1 | PHILIPS         | BZX84-C11V           |             |                  |              |

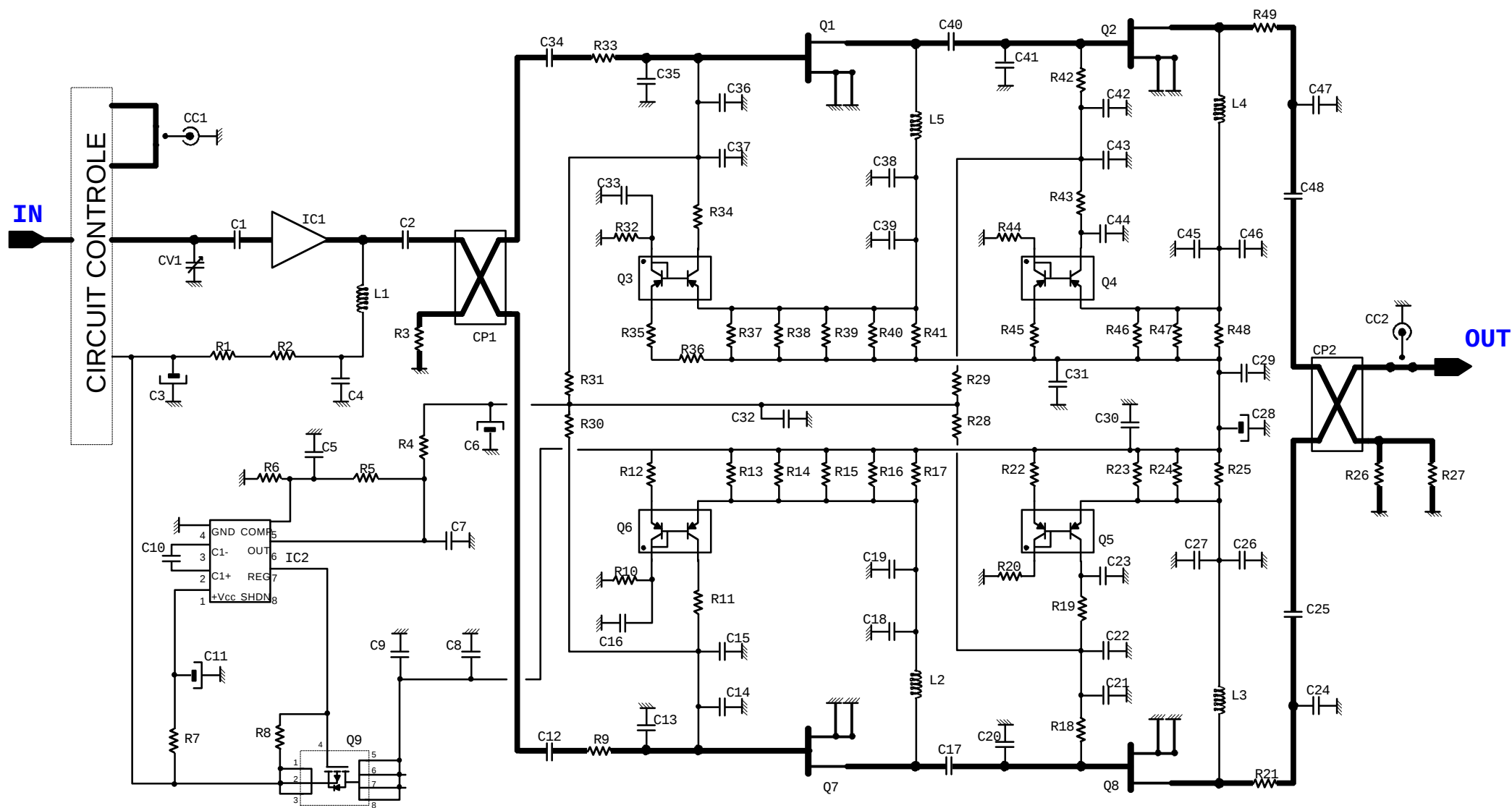
| Repère | Désignation          | Boitier   | TELIACODE | FABRICANT 1             | REF FABRICANT 1        | FABRICANT 2       | REF FABRICANT 2         | Observations |
|--------|----------------------|-----------|-----------|-------------------------|------------------------|-------------------|-------------------------|--------------|
| DZ09   | BZX84-C24V0          | SOT23     | DCZTC24V1 | Philips                 | BZX84-C24V0            |                   |                         |              |
| DZ10   | DIODE TRANSIL SM6T39 | SOD6      | DAJ6T3901 | THOMSON                 | SM6T39A                |                   |                         |              |
| ET     | 10x4.5               | ETIQUETTE | ESA050251 | CABLOG                  | CAB42-508254           |                   |                         |              |
| IC01   | ERA-5SM              | 85mil SM  | IAFKERA51 | TRW/MiniCircuits        | ERA-5SM                |                   | SNA586                  |              |
| IC02   | AMPLI OP AD829JR     | SO8       | ICFAD8291 | ANALOG DEVICES          | AD829JR                |                   |                         |              |
| IC03   | AMPLI OP AD829JR     | SO8       | ICFAD8291 | ANALOG DEVICES          | AD829JR                |                   |                         |              |
| IC04   | AMPLI OP AD829JR     | SO8       | ICFAD8291 | ANALOG DEVICES          | AD829JR                |                   |                         |              |
| IC05   | AMPLI OP AD829JR     | SO8       | ICFAD8291 | ANALOG DEVICES          | AD829JR                |                   |                         |              |
| IC06   | ERA-2SM              | 85mil SM  | IAFKERA21 | MINI-CIRCUIT            | ERA-2SM                | RICHARDSON        | SNA286                  |              |
| IC07   | INA-51063            | SOT363    | IAFM51631 | HEWLETT PACKARD         | INA-51063              |                   |                         |              |
| IC08   | INA-52063            | SOT363    | IAFM52631 | HEWLETT PACKARD         | INA-52063              |                   |                         |              |
| IC09   | INA-52063            | SOT363    | IAFM52631 | HEWLETT PACKARD         | INA-52063              |                   |                         |              |
| IC10   | LT1529CQ             | D2PACK    | IARD15291 | Linear Technology       | LT1529CQ               |                   |                         |              |
| IC11   | REGUL. MC78M08CDT    | DPACK     | IARD78081 | MOTOROLA                | MC78M08CDT             |                   |                         |              |
| IC12   | REGUL. LT1054CS      | SOL16     | IARK10541 | LINEAR TECHNOLOGY       | LT1054CS COMMERCIAL    | LINEAR TECHNOLOGY | LT1054IS INDUSTRIEL     |              |
| IC13   | LTC1255              | SO8       | ICFT12551 | LINEAR TECHNOLOGY       | LTC1255 CS8            |                   |                         |              |
| IC14   | 74HC02A              | SO14      | ICH4HC021 | HARRIS                  | MC74HC02AD             | PHILIPS           | 74HC02                  |              |
| IC15   | MC78L05D             | SO8       | ICF78L051 | MOTOROLA                | MC78L05ACD             | THOMSON           | L78L05ACD               |              |
| IC16   | AMPLI OP MAX4162     | SOT23-5   | IAOT41621 | MAXIM                   | MAX4162                |                   |                         |              |
| IC17   | AMPLI OP LM358D      | SO8       | ICFLM3581 | MOTOROLA                | LM358D                 | NS                | LM358M                  |              |
| IC18   | LM335M               | SO8       | ICFM33501 | NS                      | LM335M                 | NS                | LM335M/NS barette de 95 |              |
| L1     | 22nH                 | IND0603   | LCM1220J1 | MURATA                  | LQG11A22NJ             |                   |                         |              |
| L2     | 22nH                 | IND0603   | LCM1220J1 | MURATA                  | LQG11A22NJ             |                   |                         |              |
| L3     | 22nH                 | IND0603   | LCM1220J1 | MURATA                  | LQG11A22NJ             |                   |                         |              |
| L4     | 22nH                 | IND0603   | LCM1220J1 | MURATA                  | LQG11A22NJ             |                   |                         |              |
| L5     | 22nH                 | IND0603   | LCM1220J1 | MURATA                  | LQG11A22NJ             |                   |                         |              |
| L6     | 22nH                 | IND0603   | LCM1220J1 | MURATA                  | LQG11A22NJ             |                   |                         |              |
| L7     | 4.7nH                | IND0603   | LCM14R7J1 | MURATA                  | LQG11A4N7S00T1M05-01   |                   |                         |              |
| ME     | 97ME073D             | BASE      | MBB97073D | C3D                     | 97ME073D               | C3D               | 97ME073D                |              |
| MX1    | RMS-11F              | MIXER     | MXXRMS111 | Mini-Circuits           | RMS-11F                |                   | RMS-11F                 |              |
| MX2    | RMS-11F              | MIXER     | MXXRMS111 | Mini-Circuits           | RMS-11F                |                   | RMS-11F                 |              |
| Q1     | BC847B               | SOT23     | QBFBC8471 | PHILIPS                 | BC847B                 |                   |                         |              |
| Q2     | BC847B               | SOT23     | QBFBC8471 | PHILIPS                 | BC847B                 |                   |                         |              |
| Q3     | IRFR4105             | DPACK     | QBMD41051 | International Rectifier | IRFR4105               |                   |                         |              |
| Q4     | Si9430DY             | SO8       | QBMF94301 | TEMIC                   | Si9430DY               |                   | Si9430DY                |              |
| R001   | 1kohm                | RES0603   | RCS1102J1 | PHILIPS                 | RC21 5% 1kohm 164-8041 |                   |                         |              |
| R002   | 0ohm                 | RES0805   | RCS20R0J1 | PHILIPS                 | RC11 5% 0ohm           | BOURNS            | RC11 5% 0ohm            |              |
| R003   | 0ohm                 | RES0805   | RCS20R0J1 | PHILIPS                 | RC11 5% 0ohm           | BOURNS            | RC11 5% 0ohm            |              |
| R004   | 0ohm                 | RES0805   | RCS20R0J1 | PHILIPS                 | RC11 5% 0ohm           | BOURNS            | RC11 5% 0ohm            |              |
| R005   | 0ohm                 | RES0805   | RCS20R0J1 | PHILIPS                 | RC11 5% 0ohm           | BOURNS            | RC11 5% 0ohm            |              |
| R006   | 0ohm                 | RES0805   | RCS20R0J1 | PHILIPS                 | RC11 5% 0ohm           | BOURNS            | RC11 5% 0ohm            |              |

| Repère | Désignation | Boitier | TELIACODE | FABRICANT 1 | REF FABRICANT 1        | FABRICANT 2     | REF FABRICANT 2 | Observations |
|--------|-------------|---------|-----------|-------------|------------------------|-----------------|-----------------|--------------|
| R007   | 0ohm        | RES0805 | RCS20R0J1 | PHILIPS     | RC11 5% 0ohm           | BOURNS          | RC11 5% 0ohm    |              |
| R008   | 51ohms      | RES0805 | RCS2510J1 | PHILIPS     | RC11 5% 51ohms         | BOURNS          | RC11 5% 51ohms  |              |
| R009   | 0ohm        | RES1206 | RCS30R0J1 | PHILIPS     | RC01 5% 0ohm           | BOURNS          | RC01 5% 0ohm    |              |
| R010   | 470ohms     | RES0805 | RCS2471J1 | PHILIPS     | RC11 5% 470ohms        | BOURNS          | RC11 5% 470ohms |              |
| R011   | 8.2ohms     | RES0805 | RCS28R2J1 | PHILIPS     | RC11 5% 8.2ohms        |                 |                 |              |
| R012   | 470ohms     | RES0805 | RCS2471J1 | PHILIPS     | RC11 5% 470ohms        | BOURNS          | RC11 5% 470ohms |              |
| R013   | 100ohms     | RES0603 | RCS1101J1 | PHILIPS     | RC21 5% 100ohms        |                 |                 |              |
| R014   | 330ohms     | RES0603 | RCS1331J1 | PHILIPS     | RC21 5% 330ohms        | KOA             | RK73K1J331JT    |              |
| R015   | 330ohms     | RES0603 | RCS1331J1 | PHILIPS     | RC21 5% 330ohms        | KOA             | RK73K1J331JT    |              |
| R016   | 15ohms      | RES0603 | RCS1150J1 | BOURNS      | RC21 5% 15ohms         | PHILIPS         | RC21 5% 15ohms  |              |
| R017   | 15ohms      | RES0603 | RCS1150J1 | BOURNS      | RC21 5% 15ohms         | PHILIPS         | RC21 5% 15ohms  |              |
| R018   | 330ohms     | RES0603 | RCS1331J1 | PHILIPS     | RC21 5% 330ohms        | KOA             | RK73K1J331JT    |              |
| R019   | 330ohms     | RES0603 | RCS1331J1 | PHILIPS     | RC21 5% 330ohms        | KOA             | RK73K1J331JT    |              |
| R020   | 1kohm       | RES0603 | RCS1102J1 | PHILIPS     | RC21 5% 1kohm 164-8041 |                 |                 |              |
| R021   | 1kohm       | RES0603 | RCS1102J1 | PHILIPS     | RC21 5% 1kohm 164-8041 |                 |                 |              |
| R022   | 4.7kohms    | RES0603 | RCS1472J1 | PHILIPS     | RC21 5% 4.7kohms       |                 |                 |              |
| R023   | 4.7kohms    | RES0603 | RCS1472J1 | PHILIPS     | RC21 5% 4.7kohms       |                 |                 |              |
| R024   | 4.7kohms    | RES0603 | RCS1472J1 | PHILIPS     | RC21 5% 4.7kohms       |                 |                 |              |
| R025   | 4.7kohms    | RES0603 | RCS1472J1 | PHILIPS     | RC21 5% 4.7kohms       |                 |                 |              |
| R026   | 330ohms     | RES0805 | RCS2331J1 | PHILIPS     | RC11 5% 330ohms        | BOURNS          | RC11 5% 330ohms |              |
| R027   | 1kohm       | RES0603 | RCS1102J1 | PHILIPS     | RC21 5% 1kohm 164-8041 |                 |                 |              |
| R028   | 1kohm       | RES0603 | RCS1102J1 | PHILIPS     | RC21 5% 1kohm 164-8041 |                 |                 |              |
| R029   | 330ohms     | RES0603 | RCS1331J1 | PHILIPS     | RC21 5% 330ohms        | KOA             | RK73K1J331JT    |              |
| R030   | 330ohms     | RES0603 | RCS1331J1 | PHILIPS     | RC21 5% 330ohms        | KOA             | RK73K1J331JT    |              |
| R031   | 15ohms      | RES0603 | RCS1150J1 | BOURNS      | RC21 5% 15ohms         | PHILIPS         | RC21 5% 15ohms  |              |
| R032   | 15ohms      | RES0603 | RCS1150J1 | BOURNS      | RC21 5% 15ohms         | PHILIPS         | RC21 5% 15ohms  |              |
| R033   | 330ohms     | RES0603 | RCS1331J1 | PHILIPS     | RC21 5% 330ohms        | KOA             | RK73K1J331JT    |              |
| R034   | 330ohms     | RES0603 | RCS1331J1 | PHILIPS     | RC21 5% 330ohms        | KOA             | RK73K1J331JT    |              |
| R035   | 51ohms      | RES0603 | RCS1510J1 | BOURNS      | 51ohms                 | KOA             | RK73K1J510JT    |              |
| R036   | 0ohm        | RES0805 | RCS20R0J1 | PHILIPS     | RC11 5% 0ohm           | BOURNS          | RC11 5% 0ohm    |              |
| R037   | 100ohms     | RES1206 | RCS3101J1 | PHILIPS     | RC01 5% 100ohms        | BOURNS          | RC01 5% 100ohms |              |
| R038   | 100ohms     | RES1206 | RCS3101J1 | PHILIPS     | RC01 5% 100ohms        | BOURNS          | RC01 5% 100ohms |              |
| R039   | 0ohm        | RES0603 | RCS10R0J1 | PHILIPS     | RCS 5%                 |                 |                 |              |
| R040   | 0ohm        | RES0603 | RCS10R0J1 | PHILIPS     | RCS 5%                 |                 |                 |              |
| R041   | 10ohms      | RES0603 | RCS1100J1 | PHILIPS     | RC21 5% 10ohms         |                 |                 |              |
| R042   | 10kohms     | RES0603 | RCS1103J1 | PHILIPS     | RC21 5% 10kohms        |                 |                 |              |
| R043   | 220ohms     | RES0603 | RCS1221J1 | PHILIPS     | RC21 5% 220ohms        | VISHAY DRALORIC |                 |              |
| R044   | 10kohms     | RES0603 | RCS1103J1 | PHILIPS     | RC21 5% 10kohms        |                 |                 |              |
| R045   | 100kohms    | RES0603 | RCS1104J1 | PHILIPS     | RC21 5% 100kohms       |                 |                 |              |
| R046   | 100ohms     | RES0805 | RCS2101J1 | PHILIPS     | RC11 5% 100ohms        | BOURNS          | RC11 5% 100ohms |              |
| R047   | 100kohms    | RES0603 | RCS1104J1 | PHILIPS     | RC21 5% 100kohms       |                 |                 |              |

| Repère | Désignation | Boitier | TELIACODE | FABRICANT 1 | REF FABRICANT 1  | FABRICANT 2     | REF FABRICANT 2  | Observations |
|--------|-------------|---------|-----------|-------------|------------------|-----------------|------------------|--------------|
| R048   | 10kohms     | RES0603 | RCS1103J1 | PHILIPS     | RC21 5% 10kohms  |                 |                  |              |
| R049   | 150ohms     | RES1206 | RCS3151J1 | PHILIPS     | RC01 5% 150ohms  | BOURNS          | RC01 5% 150ohms  |              |
| R050   | 47kohms     | RES0603 | RCS1473J1 | PHILIPS     | RC21 5% 47kohms  | BOURNS          |                  |              |
| R051   | 4.7kohms    | RES0603 | RCS1472J1 | PHILIPS     | RC21 5% 4.7kohms |                 |                  |              |
| R052   | 47kohms     | RES0603 | RCS1473J1 | PHILIPS     | RC21 5% 47kohms  | BOURNS          |                  |              |
| R053   | 4.7kohms    | RES1206 | RCS3472J1 | PHILIPS     | RC01 5% 4.7kohms | BOURNS          | RC01 5% 4.7kohms |              |
| R054   | 10ohms      | RES0603 | RCS1100J1 | PHILIPS     | RC21 5% 10ohms   |                 |                  |              |
| R055   | 100ohms     | RES0805 | RCS2101J1 | PHILIPS     | RC11 5% 100ohms  | BOURNS          | RC11 5% 100ohms  |              |
| R056   | 100kohms    | RES0603 | RCS1104J1 | PHILIPS     | RC21 5% 100kohms |                 |                  |              |
| R057   | 100kohms    | RES0603 | RCS1104J1 | PHILIPS     | RC21 5% 100kohms |                 |                  |              |
| R058   | 10kohms     | RES0603 | RCS1103J1 | PHILIPS     | RC21 5% 10kohms  |                 |                  |              |
| R059   | 10kohms     | RES0603 | RCS1103J1 | PHILIPS     | RC21 5% 10kohms  |                 |                  |              |
| R060   | 220ohms     | RES0603 | RCS1221J1 | PHILIPS     | RC21 5% 220ohms  | VISHAY DRALORIC |                  |              |
| R061   | 10kohms     | RES0603 | RCS1103J1 | PHILIPS     | RC21 5% 10kohms  |                 |                  |              |
| R062   | 47kohms     | RES0603 | RCS1473J1 | PHILIPS     | RC21 5% 47kohms  | BOURNS          |                  |              |
| R063   | 4.7kohms    | RES0603 | RCS1472J1 | PHILIPS     | RC21 5% 4.7kohms |                 |                  |              |
| R064   | 150ohms     | RES1206 | RCS3151J1 | PHILIPS     | RC01 5% 150ohms  | BOURNS          | RC01 5% 150ohms  |              |
| R065   | 47kohms     | RES0603 | RCS1473J1 | PHILIPS     | RC21 5% 47kohms  | BOURNS          |                  |              |
| R066   | 4.7kohms    | RES1206 | RCS3472J1 | PHILIPS     | RC01 5% 4.7kohms | BOURNS          | RC01 5% 4.7kohms |              |
| R067   | 470ohms     | RES0603 | RCS1471J1 | PHILIPS     | RC21 5% 470ohms  | DRALORIC        | CRCW0603471JT    |              |
| R068   | 470ohms     | RES0603 | RCS1471J1 | PHILIPS     | RC21 5% 470ohms  | DRALORIC        | CRCW0603471JT    |              |
| R069   | 220ohms     | RES1206 | RCS3221J1 | PHILIPS     | RC01 5% 220ohms  | BOURNS          | RC01 5% 220ohms  |              |
| R070   | 220ohms     | RES1206 | RCS3221J1 | PHILIPS     | RC01 5% 220ohms  | BOURNS          | RC01 5% 220ohms  |              |
| R071   | 240ohms     | RES0805 | RCS2241J1 | BOURNS      | RC11 5% 240ohms  |                 |                  |              |
| R072   | 240ohms     | RES0805 | RCS2241J1 | BOURNS      | RC11 5% 240ohms  |                 |                  |              |
| R073   | 68ohms      | RES0805 | RCS2680J1 | PHILIPS     | RC11 5% 68ohms   |                 |                  |              |
| R074   | 180ohms     | RES0805 | RCS2181J1 | PHILIPS     | RC11 5% 180ohms  |                 |                  |              |
| R075   | 51ohms      | RES0805 | RCS2510J1 | PHILIPS     | RC11 5% 51ohms   | BOURNS          | RC11 5% 51ohms   |              |
| R076   | 51ohms      | RES0805 | RCS2510J1 | PHILIPS     | RC11 5% 51ohms   | BOURNS          | RC11 5% 51ohms   |              |
| R077   | 68ohms      | RES0603 | RCS1680J1 | PHILIPS     | RC21 5% 68ohms   | VISHAY DRALORIC |                  |              |
| R078   | 100ohms     | RES0603 | RCS1101J1 | PHILIPS     | RC21 5% 100ohms  |                 |                  |              |
| R079   | 68ohms      | RES0603 | RCS1680J1 | PHILIPS     | RC21 5% 68ohms   | VISHAY DRALORIC |                  |              |
| R080   | 75ohms      | RES1206 | RCS3750J1 | PHILIPS     | RC01 5% 75ohms   | BOURNS          | RC01 5% 75ohms   |              |
| R081   | 330ohms     | RES0603 | RCS1331J1 | PHILIPS     | RC21 5% 330ohms  | KOA             | RK73K1J331JT     |              |
| R082   | 15ohms      | RES0805 | RCS2150J1 | PHILIPS     | RC11 5% 15ohms   |                 |                  |              |
| R083   | 330ohms     | RES0603 | RCS1331J1 | PHILIPS     | RC21 5% 330ohms  | KOA             | RK73K1J331JT     |              |
| R084   | 51ohms      | RES0603 | RCS1510J1 | BOURNS      | 51ohms           | KOA             | RK73K1J510JT     |              |
| R085   | 330ohms     | RES0603 | RCS1331J1 | PHILIPS     | RC21 5% 330ohms  | KOA             | RK73K1J331JT     |              |
| R086   | 330ohms     | RES0603 | RCS1331J1 | PHILIPS     | RC21 5% 330ohms  | KOA             | RK73K1J331JT     |              |
| R087   | 15ohms      | RES0805 | RCS2150J1 | PHILIPS     | RC11 5% 15ohms   |                 |                  |              |
| R088   | 15ohms      | RES0805 | RCS2150J1 | PHILIPS     | RC11 5% 15ohms   |                 |                  |              |

| Repère | Désignation | Boitier | TELIACODE | FABRICANT 1 | REF FABRICANT 1        | FABRICANT 2     | REF FABRICANT 2  | Observations |
|--------|-------------|---------|-----------|-------------|------------------------|-----------------|------------------|--------------|
| R089   | 330ohms     | RES0603 | RCS1331J1 | PHILIPS     | RC21 5% 330ohms        | KOA             | RK73K1J331JT     |              |
| R090   | 330ohms     | RES0603 | RCS1331J1 | PHILIPS     | RC21 5% 330ohms        | KOA             | RK73K1J331JT     |              |
| R091   | 330ohms     | RES0603 | RCS1331J1 | PHILIPS     | RC21 5% 330ohms        | KOA             | RK73K1J331JT     |              |
| R092   | 330ohms     | RES0603 | RCS1331J1 | PHILIPS     | RC21 5% 330ohms        | KOA             | RK73K1J331JT     |              |
| R093   | 15ohms      | RES0603 | RCS1150J1 | BOURNS      | RC21 5% 15ohms         | PHILIPS         | RC21 5% 15ohms   |              |
| R094   | 15ohms      | RES0603 | RCS1150J1 | BOURNS      | RC21 5% 15ohms         | PHILIPS         | RC21 5% 15ohms   |              |
| R095   | 330ohms     | RES0603 | RCS1331J1 | PHILIPS     | RC21 5% 330ohms        | KOA             | RK73K1J331JT     |              |
| R096   | 330ohms     | RES0603 | RCS1331J1 | PHILIPS     | RC21 5% 330ohms        | KOA             | RK73K1J331JT     |              |
| R097   | 100ohms     | RES0603 | RCS1101J1 | PHILIPS     | RC21 5% 100ohms        |                 |                  |              |
| R098   | 51ohms      | RES0603 | RCS1510J1 | BOURNS      | 51ohms                 | KOA             | RK73K1J510JT     |              |
| R099   | 120ohms     | RES1206 | RCS3121J1 | PHILIPS     | RC01 5% 120ohms        | BOURNS          | RC01 5% 120ohms  |              |
| R100   | 1kohm       | RES0603 | RCS1102J1 | PHILIPS     | RC21 5% 1kohm 164-8041 |                 |                  |              |
| R101   | 1kohm       | RES0603 | RCS1102J1 | PHILIPS     | RC21 5% 1kohm 164-8041 |                 |                  |              |
| R102   | 2.2kohms    | RES0805 | RCS2222J1 | PHILIPS     | RC11 5% 2.2kohms       | BOURNS          | RC11 5% 2.2kohms |              |
| R103   | 4.7kohms    | RES0805 | RCS2472J1 | PHILIPS     | RC11 5% 4.7kohms       | BOURNS          | RC11 5% 4.7kohms |              |
| R104   | 1kohm       | RES0805 | RCS2102J1 | PHILIPS     | RC11 5% 1kohm          | BOURNS          | RC11 5% 1kohm    |              |
| R105   | 820ohms     | RES0603 | RCS1821J1 | PHILIPS     | RC21 5% 820ohms        | VISHAY DRALORIC |                  |              |
| R106   | 5.6ohms     | RES0603 | RCS15R6J1 | PHILIPS     | RC21 5% 5.6ohms        | BOURNS          |                  |              |
| R107   | 820ohms     | RES0603 | RCS1821J1 | PHILIPS     | RC21 5% 820ohms        | VISHAY DRALORIC |                  |              |
| R108   | 180ohms     | RES0603 | RCS1181J1 | PHILIPS     | RC21 5% 180ohms        | DRALORIC        | CRCW0603181JT    |              |
| R109   | 39ohms      | RES0603 | RCS1390J1 | PHILIPS     | RC21 5% 39ohms         | VISHAY DRALORIC |                  |              |
| R110   | 180ohms     | RES0603 | RCS1181J1 | PHILIPS     | RC21 5% 180ohms        | DRALORIC        | CRCW0603181JT    |              |
| R111   | 0ohm        | RES0603 | RCS10R0J1 | PHILIPS     | RCS 5%                 |                 |                  |              |
| R112   | 0ohm        | RES0805 | RCS20R0J1 | PHILIPS     | RC11 5% 0ohm           | BOURNS          | RC11 5% 0ohm     |              |
| R113   | 68kohms     | RES0805 | RCS2683J1 | PHILIPS     | RC11 5% 68kohms        | BOURNS          | RC11 5% 68kohms  |              |
| R114   | 5.6kohms    | RES0805 | RCS2562J1 | PHILIPS     | RC11 5% 5.6kohms       |                 |                  |              |
| R115   | 10kohms     | RES0805 | RCS2103J1 | PHILIPS     | RC11 5% 10kohms        | BOURNS          | RC11 5% 10kohms  |              |
| R116   | 10kohms     | RES0805 | RCS2103J1 | PHILIPS     | RC11 5% 10kohms        | BOURNS          | RC11 5% 10kohms  |              |
| R117   | 18ohms      | RES1206 | RCS3180J1 | PHILIPS     | RC01 5% 18ohms         | BOURNS          | RC01 5% 18ohms   |              |
| R118   | 100kohms    | RES0603 | RCS1104J1 | PHILIPS     | RC21 5% 100kohms       |                 |                  |              |
| R119   | 22kohms     | RES0603 | RCS1223J1 | PHILIPS     | RC21 5% 22kohms        | BOURNS          |                  |              |
| R120   | 68kohms     | RES0603 | RCS1683J1 | PHILIPS     | RC21 5% 68kohms        | BOURNS          |                  |              |
| R121   | 1kohm       | RES0603 | RCS1102J1 | PHILIPS     | RC21 5% 1kohm 164-8041 |                 |                  |              |
| R122   | 10kohms     | RES0805 | RCS2103J1 | PHILIPS     | RC11 5% 10kohms        | BOURNS          | RC11 5% 10kohms  |              |
| R123   | 2.2kohms    | RES0805 | RCS2222J1 | PHILIPS     | RC11 5% 2.2kohms       | BOURNS          | RC11 5% 2.2kohms |              |
| R124   | 22kohms     | RES1206 | RCS3223J1 | PHILIPS     | RC01 5% 22kohms        | BOURNS          | RC01 5% 22kohms  |              |
| R125   | 0ohm        | RES1206 | RCS30R0J1 | PHILIPS     | RC01 5% 0ohm           | BOURNS          | RC01 5% 0ohm     |              |
| R126   | 330kohms    | RES0603 | RCS1334J1 | PHILIPS     | RC21 5% 330kohms       | VISHAY DRALORIC |                  |              |
| R127   | 330kohms    | RES0603 | RCS1334J1 | PHILIPS     | RC21 5% 330kohms       | VISHAY DRALORIC |                  |              |
| R128   | 10kohms     | RES0805 | RCS2103J1 | PHILIPS     | RC11 5% 10kohms        | BOURNS          | RC11 5% 10kohms  |              |
| R129   | 1kohm       | RES0603 | RCS1102J1 | PHILIPS     | RC21 5% 1kohm 164-8041 |                 |                  |              |

| Repère | Désignation   | Boitier | TELIACODE | FABRICANT 1    | REF FABRICANT 1        | FABRICANT 2     | REF FABRICANT 2 | Observations |
|--------|---------------|---------|-----------|----------------|------------------------|-----------------|-----------------|--------------|
| R130   | 10kohms       | RES0603 | RCS1103J1 | PHILIPS        | RC21 5% 10kohms        |                 |                 |              |
| R131   | 10kohms       | RES0805 | RCS2103J1 | PHILIPS        | RC11 5% 10kohms        | BOURNS          | RC11 5% 10kohms |              |
| R132   | 1kohm         | RES0805 | RCS2102J1 | PHILIPS        | RC11 5% 1kohm          | BOURNS          | RC11 5% 1kohm   |              |
| R133   | 10kohms       | RES0805 | RCS2103J1 | PHILIPS        | RC11 5% 10kohms        | BOURNS          | RC11 5% 10kohms |              |
| R134   | 1kohm         | RES0805 | RCS2102J1 | PHILIPS        | RC11 5% 1kohm          | BOURNS          | RC11 5% 1kohm   |              |
| R135   | 10kohms       | RES0805 | RCS2103J1 | PHILIPS        | RC11 5% 10kohms        | BOURNS          | RC11 5% 10kohms |              |
| R136   | 1kohm         | RES0805 | RCS2102J1 | PHILIPS        | RC11 5% 1kohm          | BOURNS          | RC11 5% 1kohm   |              |
| R137   | 47kohms       | RES0603 | RCS1473J1 | PHILIPS        | RC21 5% 47kohms        | BOURNS          |                 |              |
| R138   | 10kohms       | RES0603 | RCS1103J1 | PHILIPS        | RC21 5% 10kohms        |                 |                 |              |
| R139   | 47kohms       | RES0603 | RCS1473J1 | PHILIPS        | RC21 5% 47kohms        | BOURNS          |                 |              |
| R140   | 10kohms       | RES0603 | RCS1103J1 | PHILIPS        | RC21 5% 10kohms        |                 |                 |              |
| R141   | 100ohms       | RES0603 | RCS1101J1 | PHILIPS        | RC21 5% 100ohms        |                 |                 |              |
| R142   | 3.3kohms      | RES0603 | RCS1332J1 | PHILIPS        | RC21 5% 3.3kohms       |                 |                 |              |
| R143   | 2.2kohms      | RES0603 | RCS1222J1 | PHILIPS        | RC21 5% 2.2kohms       | VISHAY DRALORIC |                 |              |
| R144   | 6.2kohms      | RES0603 | RCS1622J1 | BOURNS         |                        |                 |                 |              |
| R145   | 10kohms       | RES0603 | RCS1103J1 | PHILIPS        | RC21 5% 10kohms        |                 |                 |              |
| R146   | 10kohms       | RES0603 | RCS1103J1 | PHILIPS        | RC21 5% 10kohms        |                 |                 |              |
| R147   | 470kohms      | RES0603 | RCS1474J1 | PHILIPS        | RC21 5% 470kohms       | VISHAY DRALORIC |                 |              |
| R148   | 0ohm          | RES0805 | RCS20R0J1 | PHILIPS        | RC11 5% 0ohm           | BOURNS          | RC11 5% 0ohm    |              |
| R149   | 0ohm          | RES0805 | RCS20R0J1 | PHILIPS        | RC11 5% 0ohm           | BOURNS          | RC11 5% 0ohm    |              |
| R150   | 0ohm          | RES0805 | RCS20R0J1 | PHILIPS        | RC11 5% 0ohm           | BOURNS          | RC11 5% 0ohm    |              |
| R151   | 0ohm          | RES0805 | RCS20R0J1 | PHILIPS        | RC11 5% 0ohm           | BOURNS          | RC11 5% 0ohm    |              |
| R152   | 0ohm          | RES0805 | RCS20R0J1 | PHILIPS        | RC11 5% 0ohm           | BOURNS          | RC11 5% 0ohm    |              |
| R153   | 0ohm          | RES0805 | RCS20R0J1 | PHILIPS        | RC11 5% 0ohm           | BOURNS          | RC11 5% 0ohm    |              |
| R154   | 0ohm          | RES0805 | RCS20R0J1 | PHILIPS        | RC11 5% 0ohm           | BOURNS          | RC11 5% 0ohm    |              |
| R155   | 680ohms       | RES0805 | RCS2681J1 | PHILIPS        | RC11 5% 680ohms        |                 |                 |              |
| R156   | 680ohms       | RES0805 | RCS2681J1 | PHILIPS        | RC11 5% 680ohms        |                 |                 |              |
| R157   | 2.7kohms      | RES0603 | RCS1272J1 | PHILIPS        | RC21 5% 2.7kohms       |                 |                 |              |
| R158   | 1kohm         | RES0603 | RCS1102J1 | PHILIPS        | RC21 5% 1kohm 164-8041 |                 |                 |              |
| R159   | 2.7kohms      | RES0603 | RCS1272J1 | PHILIPS        | RC21 5% 2.7kohms       |                 |                 |              |
| RP1    | 20mohms-2W    | SMT     | RCP6020J1 | ISABELLENHÜTTE | SMT-R020-5             |                 |                 |              |
| RV1    | POTAR 200ohms | 3314G   | RVB1201X1 | BOURNS         | 3314G 200ohms          |                 |                 |              |
| RV2    | POTAR 200ohms | 3314G   | RVB1201X1 | BOURNS         | 3314G 200ohms          |                 |                 |              |
| ST1    | STRAP         |         | _____     |                |                        |                 |                 |              |
| ST2    | STRAP         |         | _____     |                |                        |                 |                 |              |
| ST3    | STRAP         |         | _____     |                |                        |                 |                 |              |
| ST4    | STRAP         |         | _____     |                |                        |                 |                 |              |
| ST5    | STRAP         |         | _____     |                |                        |                 |                 |              |
| ST6    | STRAP         |         | _____     |                |                        |                 |                 |              |
| ST7    | STRAP         |         | _____     |                |                        |                 |                 |              |
| TL     | ERREUR        |         | TLA0205RA | TELIA          | TLA0205A               |                 |                 |              |

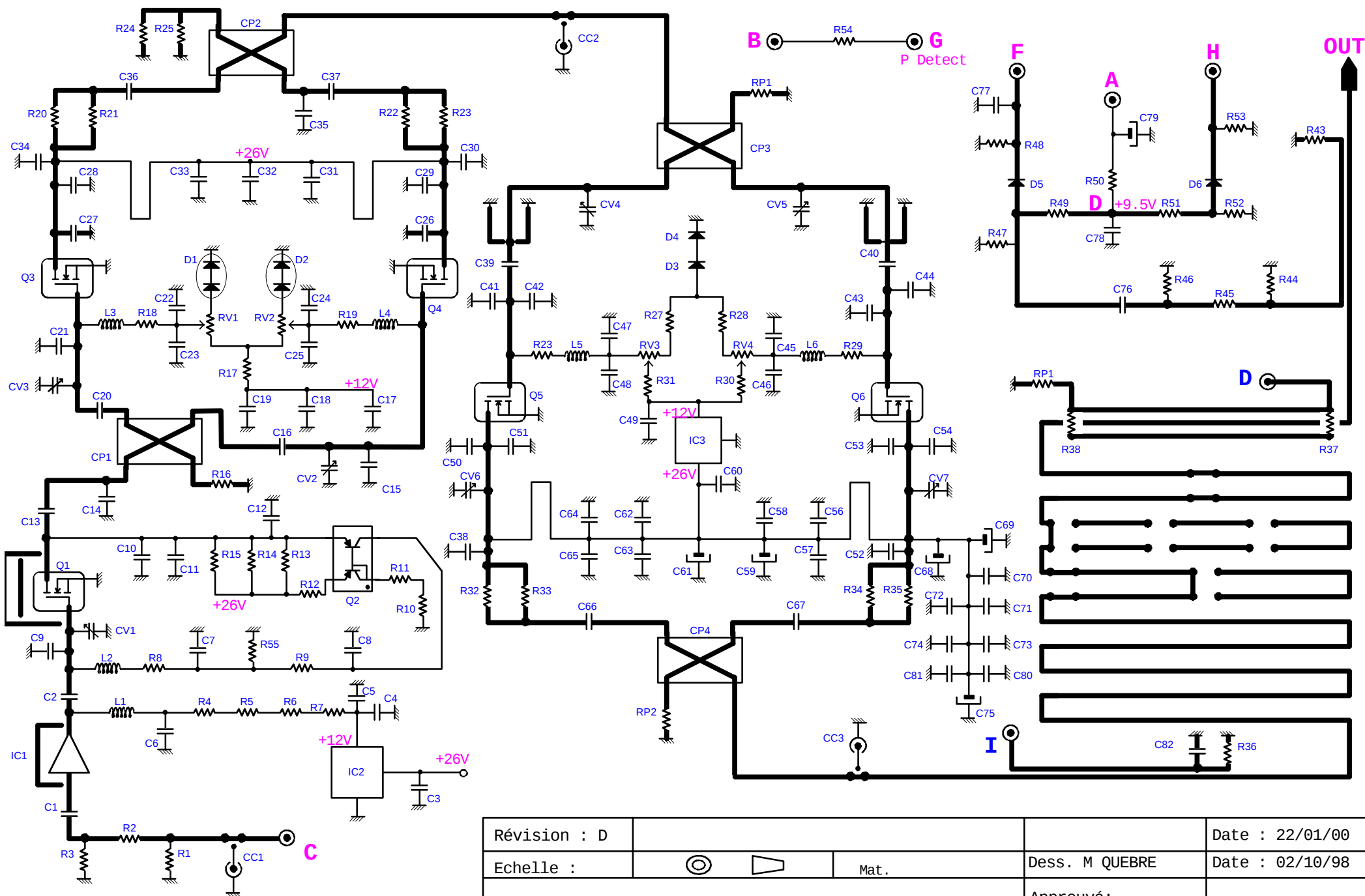


|                                                            |     |      |                                     |
|------------------------------------------------------------|-----|------|-------------------------------------|
| Révision : B                                               |     |      | Date : 22/01/99                     |
| Echelle :                                                  | ⊙ ▷ | Mat. | Dess. M DA FONTE<br>Date : 13/04/98 |
| <b>TLA0205A : AMPLI D'ERREUR</b>                           |     |      | Approuvé:                           |
| <b>TELIA S.</b> .46 allée de Megevie 33174 GRADIGNAN CEDEX |     |      | Fich.: 98SC021B.DRW                 |
|                                                            |     |      | Dess.: 98SC021B<br>Page 1/1         |

| Repère | Désignation | Boitier     | TELIACODE | FABRICANT 1 | REF FABRICANT 1     | FABRICANT 2 | REF FABRICANT 2 | Observations |
|--------|-------------|-------------|-----------|-------------|---------------------|-------------|-----------------|--------------|
| C01    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00 |              |
| C02    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00 |              |
| C03    | 10µF-16V    | 293D SIZE C | CTC106161 | SPRAGUE     | 293D 106 X9 016 C2T | KEMET       | T491C106K016AS  |              |
| C04    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00 |              |
| C05    | 100pF-50V   | CAPA0805    | CCS2101J1 | VITRAMON    | VJ0805A101JXATM     | SIEMENS     | B37940K5101J62  |              |
| C06    | 3.3µF-16V   | 293D SIZE B | CTB335161 | AVX         | TAJB335K016R        | KEMET       | T491B335K016AS  |              |
| C07    | 0.1µF-50V   | CAPA0805    | CCS2104M1 | SIEMENS     | B37941K5104K62      |             |                 |              |
| C08    | 1nF-50V     | CAPA0603    | CCS1102K1 | AVX         | 06035C102KAT2A      | PHILIPS     | 06032R102K9BB00 |              |
| C09    | 10nF-50V    | CAPA0805    | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT      | AVX         | 08055C103KAT2A  |              |
| C10    | 0.1µF-50V   | CAPA0805    | CCS2104M1 | SIEMENS     | B37941K5104K62      |             |                 |              |
| C11    | 3.3µF-16V   | 293D SIZE B | CTB335161 | AVX         | TAJB335K016R        | KEMET       | T491B335K016AS  |              |
| C12    | 330pF-50V   | CAPA0805    | CCS2331J1 | VITRAMON    | VJ0805A331JXATM     | SIEMENS     | B37940K5331J62  |              |
| C13    | 1pF-100V    | CAPA0805    | CCS21R0C1 | SIEMENS     | B37940K5010C62      | AVX         | 08051A1R0CAT2A  |              |
| C14    | 330pF-50V   | CAPA0805    | CCS2331J1 | VITRAMON    | VJ0805A331JXATM     | SIEMENS     | B37940K5331J62  |              |
| C15    | 10nF-50V    | CAPA0805    | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT      | AVX         | 08055C103KAT2A  |              |
| C16    | 10nF-50V    | CAPA0805    | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT      | AVX         | 08055C103KAT2A  |              |
| C17    | 330pF-50V   | CAPA0805    | CCS2331J1 | VITRAMON    | VJ0805A331JXATM     | SIEMENS     | B37940K5331J62  |              |
| C18    | 330pF-50V   | CAPA0603    | CCS1331J1 | MURATA      | COG331J50           | MURATA      | GRM39COG331J50  |              |
| C19    | 10nF-50V    | CAPA0805    | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT      | AVX         | 08055C103KAT2A  |              |
| C20    | 2.7pF       | ATC 100A    | CCAA2R7C1 | TEKELEC     | 500CHA2R7BV         | TEKELEC     | 500CHA2R7CV     |              |
| C21    | 330pF-50V   | CAPA0603    | CCS1331J1 | MURATA      | COG331J50           | MURATA      | GRM39COG331J50  |              |
| C22    | 10nF-50V    | CAPA0805    | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT      | AVX         | 08055C103KAT2A  |              |
| C23    | 1µF-16V     | CAPA1206    | CCS3105K1 | TDK         | C3216X7R1C105KT     | PHILIPS     | 12062R105K7BB   |              |
| C24    | 0.5pF-100V  | CAPA0805    | CCS20R5B1 | VITRAMON    | VJ0805A0R5BXT       |             |                 |              |
| C25    | 330pF-50V   | CAPA0805    | CCS2331J1 | VITRAMON    | VJ0805A331JXATM     | SIEMENS     | B37940K5331J62  |              |
| C26    | 10nF-50V    | CAPA0805    | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT      | AVX         | 08055C103KAT2A  |              |
| C27    | 330pF-50V   | CAPA0603    | CCS1331J1 | MURATA      | COG331J50           | MURATA      | GRM39COG331J50  |              |
| C28    | 3.3µF-16V   | 293D SIZE B | CTB335161 | AVX         | TAJB335K016R        | KEMET       | T491B335K016AS  |              |
| C29    | 10nF-50V    | CAPA0805    | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT      | AVX         | 08055C103KAT2A  |              |
| C30    | 0.1µF-50V   | CAPA0805    | CCS2104M1 | SIEMENS     | B37941K5104K62      |             |                 |              |
| C31    | 0.1µF-50V   | CAPA0805    | CCS2104M1 | SIEMENS     | B37941K5104K62      |             |                 |              |
| C32    | 1µF-16V     | CAPA1206    | CCS3105K1 | TDK         | C3216X7R1C105KT     | PHILIPS     | 12062R105K7BB   |              |
| C33    | 10nF-50V    | CAPA0805    | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT      | AVX         | 08055C103KAT2A  |              |
| C34    | 330pF-50V   | CAPA0805    | CCS2331J1 | VITRAMON    | VJ0805A331JXATM     | SIEMENS     | B37940K5331J62  |              |
| C35    | 1pF-100V    | CAPA0805    | CCS21R0C1 | SIEMENS     | B37940K5010C62      | AVX         | 08051A1R0CAT2A  |              |
| C36    | 330pF-50V   | CAPA0805    | CCS2331J1 | VITRAMON    | VJ0805A331JXATM     | SIEMENS     | B37940K5331J62  |              |
| C37    | 10nF-50V    | CAPA0805    | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT      | AVX         | 08055C103KAT2A  |              |
| C38    | 330pF-50V   | CAPA0603    | CCS1331J1 | MURATA      | COG331J50           | MURATA      | GRM39COG331J50  |              |
| C39    | 10nF-50V    | CAPA0805    | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT      | AVX         | 08055C103KAT2A  |              |
| C40    | 330pF-50V   | CAPA0805    | CCS2331J1 | VITRAMON    | VJ0805A331JXATM     | SIEMENS     | B37940K5331J62  |              |
| C41    | 2.7pF       | ATC 100A    | CCAA2R7C1 | TEKELEC     | 500CHA2R7BV         | TEKELEC     | 500CHA2R7CV     |              |

| Repère | Désignation         | Boitier           | TELIACODE | FABRICANT 1       | REF FABRICANT 1      | FABRICANT 2   | REF FABRICANT 2  | Observations |
|--------|---------------------|-------------------|-----------|-------------------|----------------------|---------------|------------------|--------------|
| C42    | 330pF-50V           | CAPA0603          | CCS1331J1 | MURATA            | COG331J50            | MURATA        | GRM39COG331J50   |              |
| C43    | 10nF-50V            | CAPA0805          | CCS2103M1 | VITRAMON          | VJ0805Y103KXAT       | AVX           | 08055C103KAT2A   |              |
| C44    | 1µF-16V             | CAPA1206          | CCS3105K1 | TDK               | C3216X7R1C105KT      | PHILIPS       | 12062R105K7BB    |              |
| C45    | 330pF-50V           | CAPA0603          | CCS1331J1 | MURATA            | COG331J50            | MURATA        | GRM39COG331J50   |              |
| C46    | 330pF-50V           | CAPA0805          | CCS2331J1 | VITRAMON          | VJ0805A331JXATM      | SIEMENS       | B37940K5331J62   |              |
| C47    | 0.5pF-100V          | CAPA0805          | CCS20R5B1 | VITRAMON          | VJ0805A0R5BXT        |               |                  |              |
| C48    | 330pF-50V           | CAPA0805          | CCS2331J1 | VITRAMON          | VJ0805A331JXATM      | SIEMENS       | B37940K5331J62   |              |
| CC1    | MMS OR Fem-CMS      | Connecteur        | KCMF0MMS1 | RADIAL            | R209 408 052         | IMS           | 1595-99-2610-007 |              |
| CC2    | MMS OR Fem-CMS      | Connecteur        | KCMF0MMS1 | RADIAL            | R209 408 052         | IMS           | 1595-99-2610-007 |              |
| CI     | 98CK034B            | RO4003            | PHD98034B | CSI SUD-OUEST     | 98CK034B             | CSI SUD-OUEST | 98CK034B         |              |
| CP1    | COUPLEUR 1800-2000M | 90°-3dB-4.5x3.2mm | FCP031G91 | MURATA            | LDC30B030GC1900B-200 |               |                  |              |
| CP2    | COUPLEUR 1800-2000M | 90°-3dB-4.5x3.2mm | FCP031G91 | MURATA            | LDC30B030GC1900B-200 |               |                  |              |
| CV1    | JOHANSON 0.25-0.7pF | THIN TRIM         | CVJ940101 | JOHANSON MAN.     | 9401-0               | JOHANSON MAN. | 9401-0           |              |
| IC1    | ERA-4SM             | 85mil SM          | IAFKERA41 | TRW/MINICIRCUITS  | ERA-4SM              |               | SNA486           |              |
| IC2    | REGUL. LTC1261      | SO8               | ICFC12611 | LINEAR TECHNOLOGY | LTC1261CS8           |               |                  |              |
| L1     | 22nH                | IND0603           | LCM1220J1 | MURATA            | LQG11A22NJ           |               |                  |              |
| L2     | 22nH                | IND0805           | LCM2220K1 | MURATA            | LQN21A22NK04         |               |                  |              |
| L3     | 22nH PULSE          | IND1008CX         | LCM122302 | PULSE             | PE-108CX-220KTT      | PULSE         | PE1008CM220KTT   |              |
| L4     | 22nH PULSE          | IND1008CX         | LCM122302 | PULSE             | PE-108CX-220KTT      | PULSE         | PE1008CM220KTT   |              |
| L5     | 22nH                | IND0805           | LCM2220K1 | MURATA            | LQN21A22NK04         |               |                  |              |
| Q1     | CLY02               | MW6               | QRFCLY021 | SIEMENS           | CLY02                | SIEMENS       | CLY02            |              |
| Q2     | FLU17XM             | XM                | QRGK0F171 | FUJITSU           | FLU17XM              | FUJITSU       |                  |              |
| Q3     | BCV62               | SOT143            | QBCBCV621 | PHILIPS           | BCV62                | PHILIPS       | BCV62            |              |
| Q4     | BCV62               | SOT143            | QBCBCV621 | PHILIPS           | BCV62                | PHILIPS       | BCV62            |              |
| Q5     | BCV62               | SOT143            | QBCBCV621 | PHILIPS           | BCV62                | PHILIPS       | BCV62            |              |
| Q6     | BCV62               | SOT143            | QBCBCV621 | PHILIPS           | BCV62                | PHILIPS       | BCV62            |              |
| Q7     | CLY02               | MW6               | QRFCLY021 | SIEMENS           | CLY02                | SIEMENS       | CLY02            |              |
| Q8     | FLU17XM             | XM                | QRGK0F171 | FUJITSU           | FLU17XM              | FUJITSU       |                  |              |
| Q9     | Si9430DY            | SO8               | QBMF94301 | TEMIC             | Si9430DY             |               | Si9430DY         |              |
| R01    | 36ohms              | RES1206           | RCS3360J1 | PHILIPS           | RC01 5% 36ohms       | BOURNS        | RC01 5% 36ohms   |              |
| R02    | 36ohms              | RES1206           | RCS3360J1 | PHILIPS           | RC01 5% 36ohms       | BOURNS        | RC01 5% 36ohms   |              |
| R03    | 51ohms              | RES0805           | RCS2510J1 | PHILIPS           | RC11 5% 51ohms       | BOURNS        | RC11 5% 51ohms   |              |
| R04    | 10ohms              | RES0805           | RCS2100J1 | PHILIPS           | RC11 5% 10 ohms      |               |                  |              |
| R05    | 4.7kohms            | RES0805           | RCS2472J1 | PHILIPS           | RC11 5% 4.7kohms     | BOURNS        | RC11 5% 4.7kohms |              |
| R06    | 10kohms             | RES0805           | RCS2103J1 | PHILIPS           | RC11 5% 10kohms      | BOURNS        | RC11 5% 10kohms  |              |
| R07    | 100ohms             | RES0805           | RCS2101J1 | PHILIPS           | RC11 5% 100ohms      | BOURNS        | RC11 5% 100ohms  |              |
| R08    | 10kohms             | RES0603           | RCS1103J1 | PHILIPS           | RC21 5% 10kohms      |               |                  |              |
| R09    | 0ohm                | RES1206           | RCS30R0J1 | PHILIPS           | RC01 5% 0ohm         | BOURNS        | RC01 5% 0ohm     |              |
| R10    | 2.2kohms            | RES0805           | RCS2222J1 | PHILIPS           | RC11 5% 2.2kohms     | BOURNS        | RC11 5% 2.2kohms |              |
| R11    | 1kohm               | RES1206           | RCS3102J1 | PHILIPS           | RC01 5% 1kohm        | BOURNS        | RC01 5% 1kohm    |              |
| R12    | 2.2kohms            | RES1206           | RCS3222J1 | PHILIPS           | RC01 5% 2.2kohms     | BOURNS        | RC01 5% 2.2kohms |              |

| Repère | Désignation | Boitier | TELIACODE | FABRICANT 1 | REF FABRICANT 1  | FABRICANT 2 | REF FABRICANT 2  | Observations |
|--------|-------------|---------|-----------|-------------|------------------|-------------|------------------|--------------|
| R13    | 220ohms     | RES1206 | RCS3221J1 | PHILIPS     | RC01 5% 220ohms  | BOURNS      | RC01 5% 220ohms  |              |
| R14    | 220ohms     | RES1206 | RCS3221J1 | PHILIPS     | RC01 5% 220ohms  | BOURNS      | RC01 5% 220ohms  |              |
| R15    | 220ohms     | RES1206 | RCS3221J1 | PHILIPS     | RC01 5% 220ohms  | BOURNS      | RC01 5% 220ohms  |              |
| R16    | 220ohms     | RES1206 | RCS3221J1 | PHILIPS     | RC01 5% 220ohms  | BOURNS      | RC01 5% 220ohms  |              |
| R17    | 220ohms     | RES1206 | RCS3221J1 | PHILIPS     | RC01 5% 220ohms  | BOURNS      | RC01 5% 220ohms  |              |
| R18    | 220ohms     | RES0805 | RCS2221J1 | PHILIPS     | RC11 5% 220ohms  | BOURNS      | RC11 5% 220ohms  |              |
| R19    | 470ohms     | RES0805 | RCS2471J1 | PHILIPS     | RC11 5% 470ohms  | BOURNS      | RC11 5% 470ohms  |              |
| R20    | 3.3kohms    | RES1206 | RCS3332J1 | PHILIPS     | RC01 5% 3.3kohms | BOURNS      | RC01 5% 3.3kohms |              |
| R21    | 0ohm        | RES1206 | RCS30R0J1 | PHILIPS     | RC01 5% 0ohm     | BOURNS      | RC01 5% 0ohm     |              |
| R22    | 270ohms     | RES0805 | RCS2271J1 | PHILIPS     | RC11 5% 270ohms  |             |                  |              |
| R23    | 5.6ohms     | RES1206 | RCS35R6J1 | PHILIPS     | RC01 5% 5.6ohms  | BOURNS      | RC01 5% 5.6ohms  |              |
| R24    | 5.6ohms     | RES1206 | RCS35R6J1 | PHILIPS     | RC01 5% 5.6ohms  | BOURNS      | RC01 5% 5.6ohms  |              |
| R25    | 5.6ohms     | RES1206 | RCS35R6J1 | PHILIPS     | RC01 5% 5.6ohms  | BOURNS      | RC01 5% 5.6ohms  |              |
| R26    | 100ohms     | RES1206 | RCS3101J1 | PHILIPS     | RC01 5% 100ohms  | BOURNS      | RC01 5% 100ohms  |              |
| R27    | 100ohms     | RES1206 | RCS3101J1 | PHILIPS     | RC01 5% 100ohms  | BOURNS      | RC01 5% 100ohms  |              |
| R28    | 470ohms     | RES0805 | RCS2471J1 | PHILIPS     | RC11 5% 470ohms  | BOURNS      | RC11 5% 470ohms  |              |
| R29    | 470ohms     | RES1206 | RCS3471J1 | PHILIPS     | RC01 5% 470ohms  | BOURNS      | RC01 5% 470ohms  |              |
| R30    | 1kohm       | RES0805 | RCS2102J1 | PHILIPS     | RC11 5% 1kohm    | BOURNS      | RC11 5% 1kohm    |              |
| R31    | 1kohm       | RES0805 | RCS2102J1 | PHILIPS     | RC11 5% 1kohm    | BOURNS      | RC11 5% 1kohm    |              |
| R32    | 2.2kohms    | RES0805 | RCS2222J1 | PHILIPS     | RC11 5% 2.2kohms | BOURNS      | RC11 5% 2.2kohms |              |
| R33    | 0ohm        | RES1206 | RCS30R0J1 | PHILIPS     | RC01 5% 0ohm     | BOURNS      | RC01 5% 0ohm     |              |
| R34    | 1kohm       | RES0805 | RCS2102J1 | PHILIPS     | RC11 5% 1kohm    | BOURNS      | RC11 5% 1kohm    |              |
| R35    | 0ohm        | RES1206 | RCS30R0J1 | PHILIPS     | RC01 5% 0ohm     | BOURNS      | RC01 5% 0ohm     |              |
| R36    | 2.2kohms    | RES1206 | RCS3222J1 | PHILIPS     | RC01 5% 2.2kohms | BOURNS      | RC01 5% 2.2kohms |              |
| R37    | 220ohms     | RES1206 | RCS3221J1 | PHILIPS     | RC01 5% 220ohms  | BOURNS      | RC01 5% 220ohms  |              |
| R38    | 220ohms     | RES1206 | RCS3221J1 | PHILIPS     | RC01 5% 220ohms  | BOURNS      | RC01 5% 220ohms  |              |
| R39    | 220ohms     | RES1206 | RCS3221J1 | PHILIPS     | RC01 5% 220ohms  | BOURNS      | RC01 5% 220ohms  |              |
| R40    | 220ohms     | RES1206 | RCS3221J1 | PHILIPS     | RC01 5% 220ohms  | BOURNS      | RC01 5% 220ohms  |              |
| R41    | 220ohms     | RES1206 | RCS3221J1 | PHILIPS     | RC01 5% 220ohms  | BOURNS      | RC01 5% 220ohms  |              |
| R42    | 220ohms     | RES0805 | RCS2221J1 | PHILIPS     | RC11 5% 220ohms  | BOURNS      | RC11 5% 220ohms  |              |
| R43    | 470ohms     | RES0805 | RCS2471J1 | PHILIPS     | RC11 5% 470ohms  | BOURNS      | RC11 5% 470ohms  |              |
| R44    | 3.3kohms    | RES0805 | RCS2332J1 | PHILIPS     | RC11 5% 3.3kohms | BOURNS      | RC11 5% 3.3kohms |              |
| R45    | 270ohms     | RES1206 | RCS3271J1 | PHILIPS     | RC01 5% 270ohms  | BOURNS      | RC01 5% 270ohms  |              |
| R46    | 5.6ohms     | RES1206 | RCS35R6J1 | PHILIPS     | RC01 5% 5.6ohms  | BOURNS      | RC01 5% 5.6ohms  |              |
| R47    | 5.6ohms     | RES1206 | RCS35R6J1 | PHILIPS     | RC01 5% 5.6ohms  | BOURNS      | RC01 5% 5.6ohms  |              |
| R48    | 5.6ohms     | RES1206 | RCS35R6J1 | PHILIPS     | RC01 5% 5.6ohms  | BOURNS      | RC01 5% 5.6ohms  |              |
| R49    | 0ohm        | RES1206 | RCS30R0J1 | PHILIPS     | RC01 5% 0ohm     | BOURNS      | RC01 5% 0ohm     |              |
| ST     | STRAP       |         | _____     |             |                  |             |                  |              |



|                                                |     |      |                                   |
|------------------------------------------------|-----|------|-----------------------------------|
| Révision : D                                   |     |      | Date : 22/01/00                   |
| Echelle :                                      | ⊙ ▷ | Mat. | Dess. M QUEBRE<br>Date : 02/10/98 |
| TLA0216C et TLA0239B : MAIN and L.A.R. 1900MHz |     |      | Approuvé:                         |
| Fich.: 98SC032D.DRW                            |     |      |                                   |
| Dess.: 98SC032D                                |     |      | Page 1/1                          |

TELIA S. . 46 allée de Megevie 33174 GRADIGNAN CEDEX

| Repère | Désignation | Boitier  | TELIACODE | FABRICANT 1 | REF FABRICANT 1 | FABRICANT 2 | REF FABRICANT 2 | Observations |
|--------|-------------|----------|-----------|-------------|-----------------|-------------|-----------------|--------------|
| C01    | 10nF-50V    | CAPA0603 | CCS1103K1 | MURATA      | X7R103K50       | PHILIPS     | 06032R103K9BB   |              |
| C02    | 10nF-50V    | CAPA0603 | CCS1103K1 | MURATA      | X7R103K50       | PHILIPS     | 06032R103K9BB   |              |
| C03    | 0.1µF-63V   | CAPA1206 | CCS3104M1 | VITRAMON    | VJ1206Y104MXAT  | PHILIPS     | 12062R104K9BB0D |              |
| C04    | 10nF-50V    | CAPA0805 | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT  | AVX         | 08055C103KAT2A  |              |
| C05    | 0.1µF-50V   | CAPA0805 | CCS2104M1 | SIEMENS     | B37941K5104K62  |             |                 |              |
| C06    | 0.1µF-50V   | CAPA0805 | CCS2104M1 | SIEMENS     | B37941K5104K62  |             |                 |              |
| C07    | 10nF-50V    | CAPA0805 | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT  | AVX         | 08055C103KAT2A  |              |
| C08    | 0.1µF-50V   | CAPA0805 | CCS2104M1 | SIEMENS     | B37941K5104K62  |             |                 |              |
| C09    | 3.3pF       | ATC 100A | CCAA3R3B1 | TEKELEC     | 500CHA3R3BVL    | TEKELEC     | 500CHA3R3BVL    |              |
| C10    | 10nF-50V    | CAPA0805 | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT  | AVX         | 08055C103KAT2A  |              |
| C11    | 10nF-50V    | CAPA0805 | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT  | AVX         | 08055C103KAT2A  |              |
| C12    | 0.1µF-63V   | CAPA1206 | CCS3104M1 | VITRAMON    | VJ1206Y104MXAT  | PHILIPS     | 12062R104K9BB0D |              |
| C13    | 10nF-50V    | CAPA0805 | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT  | AVX         | 08055C103KAT2A  |              |
| C14    | 1pF-100V    | CAPA0805 | CCS21R0C1 | SIEMENS     | B37940K5010C62  | AVX         | 08051A1R0CAT2A  |              |
| C15    | 2pF         | ATC 100A | CCAA2R0B1 | TEKELEC     | 500CHA2R0BV     | TEKELEC     | 500CHA2R0BV     |              |
| C16    | 10nF-50V    | CAPA0805 | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT  | AVX         | 08055C103KAT2A  |              |
| C17    | 10nF-50V    | CAPA0603 | CCS1103K1 | MURATA      | X7R103K50       | PHILIPS     | 06032R103K9BB   |              |
| C18    | 10nF-50V    | CAPA0603 | CCS1103K1 | MURATA      | X7R103K50       | PHILIPS     | 06032R103K9BB   |              |
| C19    | 10nF-50V    | CAPA0603 | CCS1103K1 | MURATA      | X7R103K50       | PHILIPS     | 06032R103K9BB   |              |
| C20    | 10nF-50V    | CAPA0805 | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT  | AVX         | 08055C103KAT2A  |              |
| C21    | 2pF         | ATC 100A | CCAA2R0B1 | TEKELEC     | 500CHA2R0BV     | TEKELEC     | 500CHA2R0BV     |              |
| C22    | 10nF-50V    | CAPA0603 | CCS1103K1 | MURATA      | X7R103K50       | PHILIPS     | 06032R103K9BB   |              |
| C23    | 0.1µF-50V   | CAPA0805 | CCS2104M1 | SIEMENS     | B37941K5104K62  |             |                 |              |
| C24    | 10nF-50V    | CAPA0603 | CCS1103K1 | MURATA      | X7R103K50       | PHILIPS     | 06032R103K9BB   |              |
| C25    | 0.1µF-50V   | CAPA0805 | CCS2104M1 | SIEMENS     | B37941K5104K62  |             |                 |              |
| C26    | 10nF-50V    | CAPA0805 | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT  | AVX         | 08055C103KAT2A  |              |
| C27    | 10nF-50V    | CAPA0805 | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT  | AVX         | 08055C103KAT2A  |              |
| C28    | 1pF-100V    | CAPA0805 | CCS21R0C1 | SIEMENS     | B37940K5010C62  | AVX         | 08051A1R0CAT2A  |              |
| C29    | 1pF-100V    | CAPA0805 | CCS21R0C1 | SIEMENS     | B37940K5010C62  | AVX         | 08051A1R0CAT2A  |              |
| C30    | 10nF-50V    | CAPA0805 | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT  | AVX         | 08055C103KAT2A  |              |
| C31    | 10nF-50V    | CAPA0805 | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT  | AVX         | 08055C103KAT2A  |              |
| C32    | 0.1µF-63V   | CAPA1206 | CCS3104M1 | VITRAMON    | VJ1206Y104MXAT  | PHILIPS     | 12062R104K9BB0D |              |
| C33    | 10nF-50V    | CAPA0805 | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT  | AVX         | 08055C103KAT2A  |              |
| C34    | 10nF-50V    | CAPA0805 | CCS2103M1 | VITRAMON    | VJ0805Y103KXAT  | AVX         | 08055C103KAT2A  |              |
| C35    | 0.47pF-50V  | CAPA0603 | CCS1R47J1 | PHILIPS     | 0603CGR47J9BB   |             |                 |              |
| C36    | 1nF-50V     | CAPA0603 | CCS1102K1 | AVX         | 06035C102KAT2A  | PHILIPS     | 06032R102K9BB00 |              |
| C37    | 1nF-50V     | CAPA0603 | CCS1102K1 | AVX         | 06035C102KAT2A  | PHILIPS     | 06032R102K9BB00 |              |
| C38    | 0.5pF       | ATC 100A | CCAA0R5B1 | TEKELEC     | 500CHA0R5BVL    |             | 500CHA0R5BVL    |              |
| C39    | 3.3pF       | ATC 100A | CCAA3R3B1 | TEKELEC     | 500CHA3R3BVL    | TEKELEC     | 500CHA3R3BVL    |              |
| C40    | 3.3pF       | ATC 100A | CCAA3R3B1 | TEKELEC     | 500CHA3R3BVL    | TEKELEC     | 500CHA3R3BVL    |              |
| C41    | 3.9pF       | ATC 100A | CCAA3R9B1 | TEKELEC     | 500CHA3R9BV     | TEKELEC     | 500CHA3R9BVL    |              |

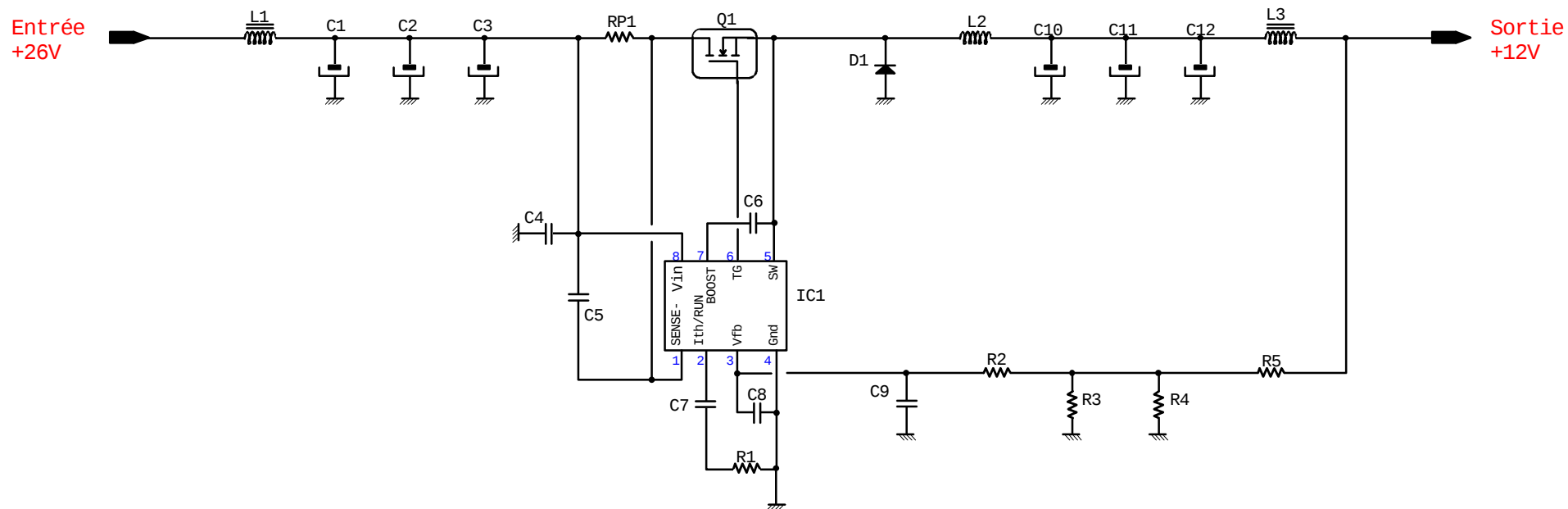
| Repère | Désignation         | Boitier                | TELIACODE | FABRICANT 1   | REF FABRICANT 1         | FABRICANT 2   | REF FABRICANT 2  | Observations |
|--------|---------------------|------------------------|-----------|---------------|-------------------------|---------------|------------------|--------------|
| C42    | 2.7pF               | ATC 100A               | CCAA2R7C1 | TEKELEC       | 500CHA2R7BV             | TEKELEC       | 500CHA2R7CV      |              |
| C43    | 2.7pF               | ATC 100A               | CCAA2R7C1 | TEKELEC       | 500CHA2R7BV             | TEKELEC       | 500CHA2R7CV      |              |
| C44    | 3.9pF               | ATC 100A               | CCAA3R9B1 | TEKELEC       | 500CHA3R9BV             | TEKELEC       | 500CHA3R9BVL     |              |
| C45    | 330pF-50V           | CAPA0805               | CCS2331J1 | VITRAMON      | VJ0805A331JXATM         | SIEMENS       | B37940K5331J62   |              |
| C46    | 0.1µF-50V           | CAPA0805               | CCS2104M1 | SIEMENS       | B37941K5104K62          |               |                  |              |
| C47    | 330pF-50V           | CAPA0805               | CCS2331J1 | VITRAMON      | VJ0805A331JXATM         | SIEMENS       | B37940K5331J62   |              |
| C48    | 0.1µF-50V           | CAPA0805               | CCS2104M1 | SIEMENS       | B37941K5104K62          |               |                  |              |
| C49    | 0.1µF-50V           | CAPA0805               | CCS2104M1 | SIEMENS       | B37941K5104K62          |               |                  |              |
| C50    | 4.7pF               | ATC 100A               | CCAA4R7C1 | TEKELEC       | 500CHA4R7CWL            | ATC           | 100A4R7CP500X    |              |
| C51    | 4.7pF               | ATC 100A               | CCAA4R7C1 | TEKELEC       | 500CHA4R7CWL            | ATC           | 100A4R7CP500X    |              |
| C52    | 0.5pF               | ATC 100A               | CCAA0R5B1 | TEKELEC       | 500CHA0R5BVL            |               | 500CHA0R5BVL     |              |
| C53    | 4.7pF               | ATC 100A               | CCAA4R7C1 | TEKELEC       | 500CHA4R7CWL            | ATC           | 100A4R7CP500X    |              |
| C54    | 4.7pF               | ATC 100A               | CCAA4R7C1 | TEKELEC       | 500CHA4R7CWL            | ATC           | 100A4R7CP500X    |              |
| C56    | 0.1µF-63V           | CAPA1206               | CCS3104M1 | VITRAMON      | VJ1206Y104MXAT          | PHILIPS       | 12062R104K9BB0D  |              |
| C57    | 330pF-50V           | CAPA0805               | CCS2331J1 | VITRAMON      | VJ0805A331JXATM         | SIEMENS       | B37940K5331J62   |              |
| C58    | 0.1µF-63V           | CAPA1206               | CCS3104M1 | VITRAMON      | VJ1206Y104MXAT          | PHILIPS       | 12062R104K9BB0D  |              |
| C59    | 22µF-35V            | 293D SIZE E            | CTXE226G1 | KEMET         | T495X226K035AS          | KEMET         | T495X226M035 AS  |              |
| C60    | 1µF-50V             | CAPA2220               | CCS5105K1 | AVX           | 22205C105KAT00J         | AVX           | 22205C105KAY1A   |              |
| C61    | 22µF-35V            | 293D SIZE E            | CTXE226G1 | KEMET         | T495X226K035AS          | KEMET         | T495X226M035 AS  |              |
| C62    | 10nF-50V            | CAPA0805               | CCS2103M1 | VITRAMON      | VJ0805Y103KXAT          | AVX           | 08055C103KAT2A   |              |
| C63    | 10nF-50V            | CAPA0805               | CCS2103M1 | VITRAMON      | VJ0805Y103KXAT          | AVX           | 08055C103KAT2A   |              |
| C64    | 0.1µF-63V           | CAPA1206               | CCS3104M1 | VITRAMON      | VJ1206Y104MXAT          | PHILIPS       | 12062R104K9BB0D  |              |
| C65    | 330pF-50V           | CAPA0805               | CCS2331J1 | VITRAMON      | VJ0805A331JXATM         | SIEMENS       | B37940K5331J62   |              |
| C66    | 27pF-50V            | CAPA0805               | CCS2270J1 | VITRAMON      | VJ0805A270JXATM         | SIEMENS       | B37940K5270J62   |              |
| C67    | 27pF-50V            | CAPA0805               | CCS2270J1 | VITRAMON      | VJ0805A270JXATM         | SIEMENS       | B37940K5270J62   |              |
| C68    | 22µF-35V            | 293D SIZE E            | CTXE226G1 | KEMET         | T495X226K035AS          | KEMET         | T495X226M035 AS  |              |
| C69    | 22µF-35V            | 293D SIZE E            | CTXE226G1 | KEMET         | T495X226K035AS          | KEMET         | T495X226M035 AS  |              |
| C70    | 0.1µF-63V           | CAPA1206               | CCS3104M1 | VITRAMON      | VJ1206Y104MXAT          | PHILIPS       | 12062R104K9BB0D  |              |
| C71    | 10nF-50V            | CAPA0603               | CCS1103K1 | MURATA        | X7R103K50               | PHILIPS       | 06032R103K9BB    |              |
| C72    | 10nF-50V            | CAPA0603               | CCS1103K1 | MURATA        | X7R103K50               | PHILIPS       | 06032R103K9BB    |              |
| C73    | 10nF-50V            | CAPA0603               | CCS1103K1 | MURATA        | X7R103K50               | PHILIPS       | 06032R103K9BB    |              |
| C74    | 10nF-50V            | CAPA0603               | CCS1103K1 | MURATA        | X7R103K50               | PHILIPS       | 06032R103K9BB    |              |
| C75    | 22µF-35V            | 293D SIZE E            | CTXE226G1 | KEMET         | T495X226K035AS          | KEMET         | T495X226M035 AS  |              |
| C79    | 3.3µF-16V           | 293D SIZE B            | CTB335161 | AVX           | TAJB335K016R            | KEMET         | T491B335K016AS   |              |
| CC1    | MMS OR Fem-CMS      | Connecteur             | KCMF0MMS1 | RADIALL       | R209 408 052            | IMS           | 1595-99-2610-007 |              |
| CC2    | MMS OR Fem-CMS      | Connecteur             | KCMF0MMS1 | RADIALL       | R209 408 052            | IMS           | 1595-99-2610-007 |              |
| CC3    | MMS OR Fem-CMS      | Connecteur             | KCMF0MMS1 | RADIALL       | R209 408 052            | IMS           | 1595-99-2610-007 |              |
| CI1    | 97CK159E            | RO4003                 | PHD97159E | CSI SUD-OUEST | 97CK159E                | CSI SUD-OUEST | 97CK159E         |              |
| CN     | SMA 4 trous         | EMBASE (+pin+téfl 6mm) | KCNF0SMA2 | RADIALL       | R214.413.307XY0600-0800 |               |                  |              |
| CP1    | COUPLEUR 1800-2000M | 90°-3dB-4.5x3.2mm      | FCP031G91 | MURATA        | LDC30B030GC1900B-200    |               |                  |              |
| CP2    | COUPLEUR 1800-2000M | 90°-3dB-4.5x3.2mm      | FCP031G91 | MURATA        | LDC30B030GC1900B-200    |               |                  |              |

| Repère | Désignation         | Boitier               | TELIACODE | FABRICANT 1      | REF FABRICANT 1               | FABRICANT 2 | REF FABRICANT 2               | Observations |
|--------|---------------------|-----------------------|-----------|------------------|-------------------------------|-------------|-------------------------------|--------------|
| CP3    | COUPLEUR 1750-1980M | 90°-3dB-SMD           | FCP130532 | ANAREN           | 1A1305-3                      | ANAREN      | 1A1305-3                      |              |
| CP4    | COUPLEUR 1750-1980M | 90°-3dB-SMD           | FCP130532 | ANAREN           | 1A1305-3                      | ANAREN      | 1A1305-3                      |              |
| CV1    | JOHANSON 0.5-2.5pF  | THIN TRIM             | CVJ940202 | JOHANSON         | 9402-0SL-1                    |             |                               |              |
| CV2    | JOHANSON 0.5-2.5pF  | THIN TRIM             | CVJ940202 | JOHANSON         | 9402-0SL-1                    |             |                               |              |
| CV3    | JOHANSON 0.5-2.5pF  | THIN TRIM             | CVJ940202 | JOHANSON         | 9402-0SL-1                    |             |                               |              |
| CV4    | JOHANSON 0.5-2.5pF  | THIN TRIM             | CVJ940202 | JOHANSON         | 9402-0SL-1                    |             |                               |              |
| CV5    | JOHANSON 0.5-2.5pF  | THIN TRIM             | CVJ940202 | JOHANSON         | 9402-0SL-1                    |             |                               |              |
| CV6    | JOHANSON 0.5-2.5pF  | THIN TRIM             | CVJ940202 | JOHANSON         | 9402-0SL-1                    |             |                               |              |
| CV7    | JOHANSON 0.5-2.5pF  | THIN TRIM             | CVJ940202 | JOHANSON         | 9402-0SL-1                    |             |                               |              |
| D1     | BAV99               | SOT23                 | DCT000002 | PHILIPS          | BAV99                         |             |                               |              |
| D2     | BAV99               | SOT23                 | DCT000002 | PHILIPS          | BAV99                         |             |                               |              |
| D3     | BAS16               | SOT23                 | DCTBAS161 | MOTOROLA         | BAS16                         | PHILIPS     | BAS16                         |              |
| D4     | BAS16               | SOT23                 | DCTBAS161 | MOTOROLA         | BAS16                         | PHILIPS     | BAS16                         |              |
| ET     | 10x4.5mm            | ETIQUETTE             | ESA010451 | CABLOG           | CAB45-1045                    |             |                               |              |
| HW1    | INOX 2.5mm          | GROWER                | VRIG25051 |                  | Rondelle Grower M2.5 X 5 INOX |             | Rondelle Grower M2.5 X 5 INOX |              |
| HW2    | INOX 2.5mm          | GROWER                | VRIG25051 |                  | Rondelle Grower M2.5 X 5 INOX |             | Rondelle Grower M2.5 X 5 INOX |              |
| HW3    | INOX 2.5mm          | GROWER                | VRIG25051 |                  | Rondelle Grower M2.5 X 5 INOX |             | Rondelle Grower M2.5 X 5 INOX |              |
| HW4    | INOX 2.5mm          | GROWER                | VRIG25051 |                  | Rondelle Grower M2.5 X 5 INOX |             | Rondelle Grower M2.5 X 5 INOX |              |
| HW5    | INOX TC 2.5x6 PZ    | VIS                   | VVIC25062 |                  | TC M 2.5X6 INOX PZ            |             | TC M2.5X6 INOX PZ             |              |
| HW6    | INOX TC 2.5x6 PZ    | VIS                   | VVIC25062 |                  | TC M 2.5X6 INOX PZ            |             | TC M2.5X6 INOX PZ             |              |
| HW7    | INOX TC 2.5x6 PZ    | VIS                   | VVIC25062 |                  | TC M 2.5X6 INOX PZ            |             | TC M2.5X6 INOX PZ             |              |
| HW8    | INOX TC 2.5x6 PZ    | VIS                   | VVIC25062 |                  | TC M 2.5X6 INOX PZ            |             | TC M2.5X6 INOX PZ             |              |
| IC1    | ERA-4SM             | 85mil SM              | IAFKERA41 | TRW/MINICIRCUITS | ERA-4SM                       |             | SNA486                        |              |
| IC2    | REGUL. MC78M12CDT   | DPACK                 | ICD781201 | MOTOROLA         | MC78M12CDT-1                  | MOTOROLA    | MC78M12CDT                    |              |
| IC3    | REGUL. MC78L12ACD   | SO8                   | ICF78L121 | MOTO             | MC78L12ACD                    | TEXAS       | uA78L12ACD                    |              |
| L1     | 47nH                | IND0603               | LCM1470J1 | MURATA           | LQG11A47NJ                    |             |                               |              |
| L2     | 10nH                | IND0603               | LCM1100J1 | MURATA           | LQG11A10NJ00T1M05-01          |             |                               |              |
| L3     | 10nH                | IND0603               | LCM1100J1 | MURATA           | LQG11A10NJ00T1M05-01          |             |                               |              |
| L4     | 10nH                | IND0603               | LCM1100J1 | MURATA           | LQG11A10NJ00T1M05-01          |             |                               |              |
| L5     | 22nH                | IND0603               | LCM1220J1 | MURATA           | LQG11A22NJ                    |             |                               |              |
| L6     | 22nH                | IND0603               | LCM1220J1 | MURATA           | LQG11A22NJ                    |             |                               |              |
| ME01   | 99ME076             | BOITIER RP9           | MTU990760 | C3D              | 99ME076                       |             |                               |              |
| ME03   | 98ME066 L=10.7mm    | TRAVERSEE TEFLON E    | MDD980660 | IDMM INDUSTRIE   | 98ME066                       |             |                               |              |
| ME04   | 98ME066 L=10.7mm    | TRAVERSEE TEFLON E    | MDD980660 | IDMM INDUSTRIE   | 98ME066                       |             |                               |              |
| ME05   | 99ME075             | PASTILLE TEFLON Ø 3.8 | MDD990750 | IDMM             | 99ME075                       |             |                               |              |
| ME06   | 99ME075             | PASTILLE TEFLON Ø 3.8 | MDD990750 | IDMM             | 99ME075                       |             |                               |              |
| ME07   | 99ME075             | PASTILLE TEFLON Ø 3.8 | MDD990750 | IDMM             | 99ME075                       |             |                               |              |
| ME08   | 99ME075             | PASTILLE TEFLON Ø 3.8 | MDD990750 | IDMM             | 99ME075                       |             |                               |              |
| ME09   | 99ME075             | PASTILLE TEFLON Ø 3.8 | MDD990750 | IDMM             | 99ME075                       |             |                               |              |
| ME10   | 99ME075             | PASTILLE TEFLON Ø 3.8 | MDD990750 | IDMM             | 99ME075                       |             |                               |              |
| ME11   | 99ME075             | PASTILLE TEFLON Ø 3.8 | MDD990750 | IDMM             | 99ME075                       |             |                               |              |

| Repère | Désignation     | Boitier               | TELIACODE | FABRICANT 1    | REF FABRICANT 1  | FABRICANT 2     | REF FABRICANT 2  | Observations |
|--------|-----------------|-----------------------|-----------|----------------|------------------|-----------------|------------------|--------------|
| ME12   | 99ME075         | PASTILLE TEFLON Ø 3.8 | MDD990750 | IDMM           | 99ME075          |                 |                  |              |
| ME13   | 98ME067 L=9.6mm | TRAVERSEE TEFLON E    | MDD980670 | IDMM INDUSTRIE | 98ME067          |                 |                  |              |
| ME14   | 98ME067 L=9.6mm | TRAVERSEE TEFLON E    | MDD980670 | IDMM INDUSTRIE | 98ME067          |                 |                  |              |
| ME15   | 98ME067 L=9.6mm | TRAVERSEE TEFLON E    | MDD980670 | IDMM INDUSTRIE | 98ME067          |                 |                  |              |
| ME16   | 98ME067 L=9.6mm | TRAVERSEE TEFLON E    | MDD980670 | IDMM INDUSTRIE | 98ME067          |                 |                  |              |
| ME17   | 98ME067 L=9.6mm | TRAVERSEE TEFLON E    | MDD980670 | IDMM INDUSTRIE | 98ME067          |                 |                  |              |
| ME18   | 98ME067 L=9.6mm | TRAVERSEE TEFLON E    | MDD980670 | IDMM INDUSTRIE | 98ME067          |                 |                  |              |
| ME19   | 98ME069 L=28mm  | AME POUR TRAVERSEE    | MDD980690 | IDMM INDUSTRIE | 98ME069          |                 |                  |              |
| ME20   | 98ME069 L=28mm  | AME POUR TRAVERSEE    | MDD980690 | IDMM INDUSTRIE | 98ME069          |                 |                  |              |
| ME21   | 98ME069 L=28mm  | AME POUR TRAVERSEE    | MDD980690 | IDMM INDUSTRIE | 98ME069          |                 |                  |              |
| ME22   | 98ME069 L=28mm  | AME POUR TRAVERSEE    | MDD980690 | IDMM INDUSTRIE | 98ME069          |                 |                  |              |
| ME23   | 98ME069 L=28mm  | AME POUR TRAVERSEE    | MDD980690 | IDMM INDUSTRIE | 98ME069          |                 |                  |              |
| ME24   | 98ME069 L=28mm  | AME POUR TRAVERSEE    | MDD980690 | IDMM INDUSTRIE | 98ME069          |                 |                  |              |
| ME25   | 98ME069 L=28mm  | AME POUR TRAVERSEE    | MDD980690 | IDMM INDUSTRIE | 98ME069          |                 |                  |              |
| ME26   | 98ME069 L=28mm  | AME POUR TRAVERSEE    | MDD980690 | IDMM INDUSTRIE | 98ME069          |                 |                  |              |
| ME27   | 98ME069 L=28mm  | AME POUR TRAVERSEE    | MDD980690 | IDMM INDUSTRIE | 98ME069          |                 |                  |              |
| ME28   | 98ME069 L=28mm  | AME POUR TRAVERSEE    | MDD980690 | IDMM INDUSTRIE | 98ME069          |                 |                  |              |
| ME29   | 98ME069 L=28mm  | AME POUR TRAVERSEE    | MDD980690 | IDMM INDUSTRIE | 98ME069          |                 |                  |              |
| ME30   | 98ME069 L=28mm  | AME POUR TRAVERSEE    | MDD980690 | IDMM INDUSTRIE | 98ME069          |                 |                  |              |
| ME31   | 98ME069 L=28mm  | AME POUR TRAVERSEE    | MDD980690 | IDMM INDUSTRIE | 98ME069          |                 |                  |              |
| ME32   | 98ME069 L=28mm  | AME POUR TRAVERSEE    | MDD980690 | IDMM INDUSTRIE | 98ME069          |                 |                  |              |
| Q1     | MRF6522-5       | 458A-01 STYLE 1       | QRMK22051 | MOTOROLA       | MRF6522-5        |                 | XRF6522-5R1      |              |
| Q2     | BCV62           | SOT143                | QBCBCV621 | PHILIPS        | BCV62            | PHILIPS         | BCV62            |              |
| Q3     | MRF6522-5       | 458A-01 STYLE 1       | QRMK22051 | MOTOROLA       | MRF6522-5        |                 | XRF6522-5R1      |              |
| Q4     | MRF6522-5       | 458A-01 STYLE 1       | QRMK22051 | MOTOROLA       | MRF6522-5        |                 | XRF6522-5R1      |              |
| Q5     | MRF284S         | 360C-03               | QRMN284S1 | MOTOROLA       | MRF284SC         |                 |                  |              |
| Q6     | MRF284S         | 360C-03               | QRMN284S1 | MOTOROLA       | MRF284SC         |                 |                  |              |
| R01    | 330ohms         | RES0603               | RCS1331J1 | PHILIPS        | RC21 5% 330ohms  | KOA             | RK73K1J331JT     |              |
| R02    | 18ohms          | RES0603               | RCS1180J1 | PHILIPS        | RC21 5% 18ohms   | VISHAY DRALORIC |                  |              |
| R03    | 330ohms         | RES0603               | RCS1331J1 | PHILIPS        | RC21 5% 330ohms  | KOA             | RK73K1J331JT     |              |
| R04    | 27ohms          | RES1206               | RCS3270J1 | PHILIPS        | RC01 5% 27ohms   | BOURNS          | RC01 5% 27ohms   |              |
| R05    | 27ohms          | RES1206               | RCS3270J1 | PHILIPS        | RC01 5% 27ohms   | BOURNS          | RC01 5% 27ohms   |              |
| R06    | 27ohms          | RES1206               | RCS3270J1 | PHILIPS        | RC01 5% 27ohms   | BOURNS          | RC01 5% 27ohms   |              |
| R07    | 27ohms          | RES1206               | RCS3270J1 | PHILIPS        | RC01 5% 27ohms   | BOURNS          | RC01 5% 27ohms   |              |
| R08    | 10ohms          | RES0805               | RCS2100J1 | PHILIPS        | RC11 5% 10 ohms  |                 |                  |              |
| R09    | 1kohm           | RES0805               | RCS2102J1 | PHILIPS        | RC11 5% 1kohm    | BOURNS          | RC11 5% 1kohm    |              |
| R10    | 2.2kohms        | RES0805               | RCS2222J1 | PHILIPS        | RC11 5% 2.2kohms | BOURNS          | RC11 5% 2.2kohms |              |
| R11    | 6.8kohms        | RES0805               | RCS2682J1 | PHILIPS        | RC11 5% 6.8kohms |                 |                  |              |
| R12    | 330ohms         | RES1206               | RCS3331J1 | PHILIPS        | RC01 5% 330ohms  | BOURNS          | RC01 5% 330ohms  |              |
| R13    | 10ohms          | RES1206               | RCS3100J1 | PHILIPS        | RC01 5% 10ohms   | BOURNS          | RC01 5% 10ohms   |              |
| R14    | 10ohms          | RES1206               | RCS3100J1 | PHILIPS        | RC01 5% 10ohms   | BOURNS          | RC01 5% 10ohms   |              |

| Repère | Désignation | Boitier        | TELIACODE | FABRICANT 1         | REF FABRICANT 1     | FABRICANT 2         | REF FABRICANT 2     | Observations |
|--------|-------------|----------------|-----------|---------------------|---------------------|---------------------|---------------------|--------------|
| R15    | 10ohms      | RES1206        | RCS3100J1 | PHILIPS             | RC01 5% 10ohms      | BOURNS              | RC01 5% 10ohms      |              |
| R16    | 51ohms      | RES1206        | RCS3510J1 | PHILIPS             | RC01 5% 51ohms      | BOURNS              | RC01 5% 51ohms      |              |
| R17    | 1kohm       | RES1206        | RCS3102J1 | PHILIPS             | RC01 5% 1kohm       | BOURNS              | RC01 5% 1kohm       |              |
| R18    | 10ohms      | RES0603        | RCS1100J1 | PHILIPS             | RC21 5% 10ohms      |                     |                     |              |
| R19    | 10ohms      | RES0603        | RCS1100J1 | PHILIPS             | RC21 5% 10ohms      |                     |                     |              |
| R20    | 0ohm        | RES1206        | RCS30R0J1 | PHILIPS             | RC01 5% 0ohm        | BOURNS              | RC01 5% 0ohm        |              |
| R21    | 0ohm        | RES1206        | RCS30R0J1 | PHILIPS             | RC01 5% 0ohm        | BOURNS              | RC01 5% 0ohm        |              |
| R22    | 0ohm        | RES1206        | RCS30R0J1 | PHILIPS             | RC01 5% 0ohm        | BOURNS              | RC01 5% 0ohm        |              |
| R23    | 0ohm        | RES1206        | RCS30R0J1 | PHILIPS             | RC01 5% 0ohm        | BOURNS              | RC01 5% 0ohm        |              |
| R24    | 100ohms     | RES0805        | RCS2101J1 | PHILIPS             | RC11 5% 100ohms     | BOURNS              | RC11 5% 100ohms     |              |
| R25    | 100ohms     | RES0805        | RCS2101J1 | PHILIPS             | RC11 5% 100ohms     | BOURNS              | RC11 5% 100ohms     |              |
| R26    | 10ohms      | RES0805        | RCS2100J1 | PHILIPS             | RC11 5% 10 ohms     |                     |                     |              |
| R27    | 10ohms      | RES1206        | RCS3100J1 | PHILIPS             | RC01 5% 10ohms      | BOURNS              | RC01 5% 10ohms      |              |
| R28    | 10ohms      | RES1206        | RCS3100J1 | PHILIPS             | RC01 5% 10ohms      | BOURNS              | RC01 5% 10ohms      |              |
| R29    | 10ohms      | RES0805        | RCS2100J1 | PHILIPS             | RC11 5% 10 ohms     |                     |                     |              |
| R30    | 1kohm       | RES1206        | RCS3102J1 | PHILIPS             | RC01 5% 1kohm       | BOURNS              | RC01 5% 1kohm       |              |
| R31    | 1kohm       | RES0805        | RCS2102J1 | PHILIPS             | RC11 5% 1kohm       | BOURNS              | RC11 5% 1kohm       |              |
| R32    | 0ohm        | RES1206        | RCS30R0J1 | PHILIPS             | RC01 5% 0ohm        | BOURNS              | RC01 5% 0ohm        |              |
| R33    | 0ohm        | RES1206        | RCS30R0J1 | PHILIPS             | RC01 5% 0ohm        | BOURNS              | RC01 5% 0ohm        |              |
| R34    | 0ohm        | RES1206        | RCS30R0J1 | PHILIPS             | RC01 5% 0ohm        | BOURNS              | RC01 5% 0ohm        |              |
| R35    | 0ohm        | RES1206        | RCS30R0J1 | PHILIPS             | RC01 5% 0ohm        | BOURNS              | RC01 5% 0ohm        |              |
| R50    | 0ohm        | RES1206        | RCS30R0J1 | PHILIPS             | RC01 5% 0ohm        | BOURNS              | RC01 5% 0ohm        |              |
| R54    | 0ohm        | RES1206        | RCS30R0J1 | PHILIPS             | RC01 5% 0ohm        | BOURNS              | RC01 5% 0ohm        |              |
| R55    | 1kohm       | RES0805        | RCS2102J1 | PHILIPS             | RC11 5% 1kohm       | BOURNS              | RC11 5% 1kohm       |              |
| RP1    | 50ohms      | CHARGE         | RLS000004 | RF POWER COMPONENTS | RFP-100200-4-Z-50-5 | RF POWER COMPONENTS | RFP-100200-4-Z-50-5 |              |
| RP2    | 50ohms      | CHARGE Style Z | RLS000003 | RF POWER COMPONENTS | RFP 250250-4Z50-5   |                     |                     |              |
| RV1    | POTAR 1kohm | 3313           | RVB6102J1 | COPAL               | ST3TA102            | COPAL               |                     |              |
| RV2    | POTAR 1kohm | 3313           | RVB6102J1 | COPAL               | ST3TA102            | COPAL               |                     |              |
| RV3    | POTAR 1kohm | 3314G          | RVB1102X1 | BOURNS              | 3314G 1kohm         |                     |                     |              |
| RV4    | POTAR 1kohm | 3314G          | RVB1102X1 | BOURNS              | 3314G 1kohm         |                     |                     |              |
| ST01   | STRAP       |                | _____     |                     |                     |                     |                     |              |
| ST02   | STRAP       |                | _____     |                     |                     |                     |                     |              |
| ST03   | STRAP       |                | _____     |                     |                     |                     |                     |              |
| ST04   | STRAP       |                | _____     |                     |                     |                     |                     |              |
| ST05   | STRAP       |                | _____     |                     |                     |                     |                     |              |
| ST06   | STRAP       |                | _____     |                     |                     |                     |                     |              |
| ST07   | STRAP       |                | _____     |                     |                     |                     |                     |              |
| ST08   | STRAP       |                | _____     |                     |                     |                     |                     |              |
| ST09   | STRAP       |                | _____     |                     |                     |                     |                     |              |
| ST10   | STRAP       |                | _____     |                     |                     |                     |                     |              |
| TL     | L.A.R.      | CIRCUIT        | TLA0239RB |                     |                     |                     |                     |              |

| Repère | Désignation     | Boitier             | TELIACODE | FABRICANT 1         | REF FABRICANT 1     | FABRICANT 2         | REF FABRICANT 2     | Observations |
|--------|-----------------|---------------------|-----------|---------------------|---------------------|---------------------|---------------------|--------------|
| C76    | 10nF-50V        | CAPA0805            | CCS2103M1 | VITRAMON            | VJ0805Y103KXAT      | AVX                 | 08055C103KAT2A      |              |
| C77    | 10pF-50V        | CAPA0805            | CCS2100J1 | VITRAMON            | VJ0805A100JXATM     | SIEMENS             | B37940K5100J62      |              |
| C78    | 10nF-50V        | CAPA0805            | CCS2103M1 | VITRAMON            | VJ0805Y103KXAT      | AVX                 | 08055C103KAT2A      |              |
| C80    | 0.1µF-63V       | CAPA1206            | CCS3104M1 | VITRAMON            | VJ1206Y104MXAT      | PHILIPS             | 12062R104K9BB0D     |              |
| C81    | 0.1µF-63V       | CAPA1206            | CCS3104M1 | VITRAMON            | VJ1206Y104MXAT      | PHILIPS             | 12062R104K9BB0D     |              |
| C82    | 0.5pF-100V      | CAPA0805            | CCS20R5B1 | VITRAMON            | VJ0805A0R5BXT       |                     |                     |              |
| CI     | 97CK158E        | RO3003 Multicouches | PAM97158E | CSI sud ouest       | 97CK158E            |                     |                     |              |
| D5     | SHOTKKY MMBD301 | SOT23               | DDTBD3011 | MOTOROLA            | MMBD301             | MOTOROLA            | MMBD301             |              |
| D6     | SHOTKKY MMBD301 | SOT23               | DDTBD3011 | MOTOROLA            | MMBD301             | MOTOROLA            | MMBD301             |              |
| ET     | 10x4.5mm        | ETIQUETTE           | ESA010451 | CABLOG              | CAB45-1045          |                     |                     |              |
| R36    | 51ohms          | RES1206             | RCS3510J1 | PHILIPS             | RC01 5% 51ohms      | BOURNS              | RC01 5% 51ohms      |              |
| R37    | 0ohm            | RES0603             | RCS10R0J1 | PHILIPS             | RCS 5%              |                     |                     |              |
| R38    | 0ohm            | RES0603             | RCS10R0J1 | PHILIPS             | RCS 5%              |                     |                     |              |
| R43    | 51ohms          | RES0805             | RCS2510J1 | PHILIPS             | RC11 5% 51ohms      | BOURNS              | RC11 5% 51ohms      |              |
| R44    | 150ohms         | RES0805             | RCS2151J1 | PHILIPS             | RC11 5% 150ohms     | BOURNS              | RC11 5% 150ohms     |              |
| R45    | 33ohms          | RES0805             | RCS2330J1 | PHILIPS             | RC11 5% 33ohms      |                     |                     |              |
| R46    | 75ohms          | RES0805             | RCS2750J1 | BOURNS              | RC11 5% 75ohms      |                     |                     |              |
| R47    | 330ohms         | RES0805             | RCS2331J1 | PHILIPS             | RC11 5% 330ohms     | BOURNS              | RC11 5% 330ohms     |              |
| R48    | 470ohms         | RES0805             | RCS2471J1 | PHILIPS             | RC11 5% 470ohms     | BOURNS              | RC11 5% 470ohms     |              |
| R49    | 2.2kohms        | RES0805             | RCS2222J1 | PHILIPS             | RC11 5% 2.2kohms    | BOURNS              | RC11 5% 2.2kohms    |              |
| R51    | 2.2kohms        | RES0805             | RCS2222J1 | PHILIPS             | RC11 5% 2.2kohms    | BOURNS              | RC11 5% 2.2kohms    |              |
| R52    | 330ohms         | RES0805             | RCS2331J1 | PHILIPS             | RC11 5% 330ohms     | BOURNS              | RC11 5% 330ohms     |              |
| R53    | 470ohms         | RES0805             | RCS2471J1 | PHILIPS             | RC11 5% 470ohms     | BOURNS              | RC11 5% 470ohms     |              |
| RP1    | 50ohms          | CHARGE              | RLS000004 | RF POWER COMPONENTS | RFP-100200-4-Z-50-5 | RF POWER COMPONENTS | RFP-100200-4-Z-50-5 |              |



|                                                      |                                                                                                                                                                             |      |                     |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------|
| Révision : A                                         |                                                                                                                                                                             |      | Date : 15/11/99     |
| Echelle :                                            |   | Mat. | Dess. M DA FONTE    |
| <b>TLA0208A : DEVOLTEUR 26V-12V</b>                  |                                                                                                                                                                             |      | Approuvé:           |
|                                                      |                                                                                                                                                                             |      | Fich.: 98SC023A.DRW |
| TELIA S. . 46 allée de Megevie 33174 GRADIGNAN CEDEX |                                                                                                                                                                             |      | Dess.: 98SC023A     |
|                                                      |                                                                                                                                                                             |      | Page 1/1            |

| Repère | Désignation       | Boitier        | TELIACODE | FABRICANT 1       | REF FABRICANT 1  | FABRICANT 2       | REF FABRICANT 2  | Observations |
|--------|-------------------|----------------|-----------|-------------------|------------------|-------------------|------------------|--------------|
| C01    | 22µF-35V          | Low ESR SIZE E | CTXE226G1 | KEMET             | T495X226K035AS   | KEMET             | T495X226M035 AS  |              |
| C02    | 22µF-35V          | Low ESR SIZE E | CTXE226G1 | KEMET             | T495X226K035AS   | KEMET             | T495X226M035 AS  |              |
| C03    | 22µF-35V          | Low ESR SIZE E | CTXE226G1 | KEMET             | T495X226K035AS   | KEMET             | T495X226M035 AS  |              |
| C04    | 10nF-50V          | CAPA0805       | CCS2103M1 | VITRAMON          | VJ0805Y103KXAT   | AVX               | 08055C103KAT2A   |              |
| C05    | 1nF-50V           | CAPA0805       | CCS2102J1 | VITRAMON          | VJ0805A102JXATM  | SIEMENS           | B37940K5102J62   |              |
| C06    | 0.1µF-50V         | CAPA0805       | CCS2104M1 | SIEMENS           | B37941K5104K62   |                   |                  |              |
| C07    | 330pF-50V         | CAPA0805       | CCS2331J1 | VITRAMON          | VJ0805A331JXATM  | SIEMENS           | B37940K5331J62   |              |
| C08    | 100pF-50V         | CAPA0603       | CCS1101J1 | AVX-KYOCERA       | 06035A101JAT00J  |                   |                  |              |
| C09    | 100pF-50V         | CAPA0603       | CCS1101J1 | AVX-KYOCERA       | 06035A101JAT00J  |                   |                  |              |
| C10    | 33µF-25V          | Low ESR SIZE E | CTXE336F1 | AVX               | TPSE336K025R0300 |                   |                  |              |
| C11    | 33µF-25V          | Low ESR SIZE E | CTXE336F1 | AVX               | TPSE336K025R0300 |                   |                  |              |
| C12    | 33µF-25V          | Low ESR SIZE E | CTXE336F1 | AVX               | TPSE336K025R0300 |                   |                  |              |
| CI1    | 98CK048B          | FR4            | PVD98048B | CSI SUD-OUEST     | 98CK048B         | CIBEL             | 98CK048B         |              |
| D1     | SCHOTTKY MBRD360  | DPACK          | DKDD3601  | MOTOROLA          | MBRD360          |                   |                  |              |
| IC1    | REGUL. LTC1624CS8 | SO8            | IARF16241 | Linear Technology | LTC1624CS8       | Linear Technology | LTC1624IS8       |              |
| L1     | FAIR-RITE 019     | CHOKE 019      | LFC019001 | FAIR-RITE         | 2743019447       | FAIR-RITE         | 2743019447       |              |
| L2     | 22µH              | DO5022         | LCM9223M1 | COILCRAFT         | DO5022P-223      |                   |                  |              |
| L3     | FAIR-RITE 019     | CHOKE 019      | LFC019001 | FAIR-RITE         | 2743019447       | FAIR-RITE         | 2743019447       |              |
| Q1     | PHD50N06LT        | DPACK          | QBMD0N061 | PHILIPS           | PHD50N06LT       |                   |                  |              |
| R1     | 6.8kohms          | RES0603        | RCS1682J1 | PHILIPS           | RC21 5% 6.8kohms | VISHAY DRALORIC   |                  |              |
| R2     | 0ohm              | RES1206        | RCS30R0J1 | PHILIPS           | RC01 5% 0ohm     | BOURNS            | RC01 5% 0ohm     |              |
| R3     | 2.2kohms          | RES0805        | RCS2222J1 | PHILIPS           | RC11 5% 2.2kohms | BOURNS            | RC11 5% 2.2kohms |              |
| R4     | 2.2kohms          | RES0805        | RCS2222J1 | PHILIPS           | RC11 5% 2.2kohms | BOURNS            | RC11 5% 2.2kohms |              |
| R5     | 10kohms           | RES0805        | RCS2103J1 | PHILIPS           | RC11 5% 10kohms  | BOURNS            | RC11 5% 10kohms  |              |
| RP1    | 22mohms-1W        | SL-1           | RCP6R02J1 | MEGGIT CGS        |                  | MEGGIT CGS        |                  |              |