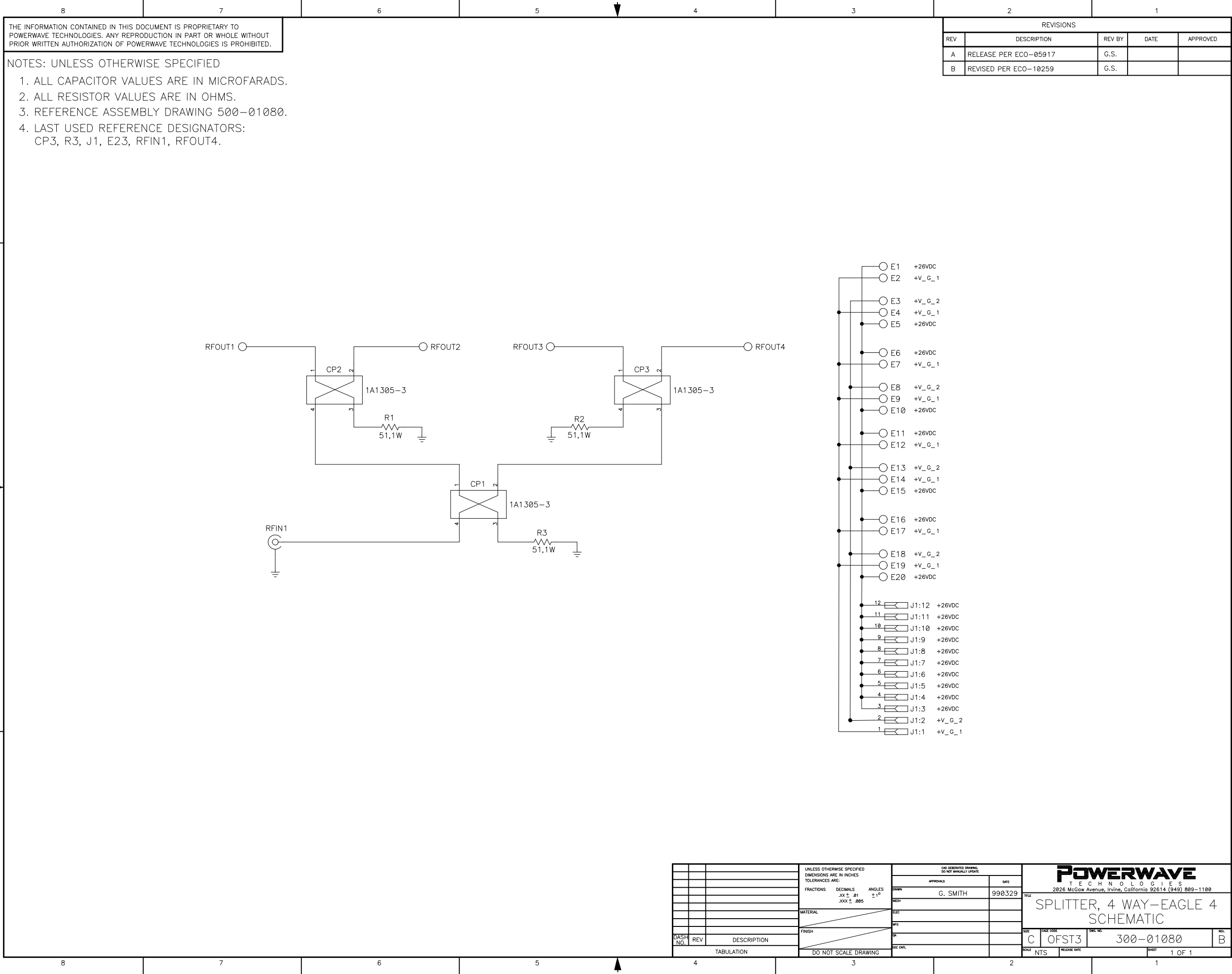
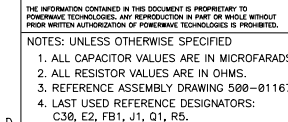






| REVISIONS |                       |        |      |          |
|-----------|-----------------------|--------|------|----------|
| REV       | DESCRIPTION           | REV BY | DATE | APPROVED |
| D         | REVISED PER ECO-11857 | VM     |      |          |

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1. ALL CAPACITOR VALUES ARE IN MICROFARADS.
2. ALL RESISTOR VALUES ARE IN OHMS.
3. REFERENCE ASSEMBLY DRAWING 500-01096-XXX.
4. LAST USED REFERENCE DESIGNATORS:  
C87,CMP1,CP2,CR18,E8,ICT105,J7,JP1,L10,Q7,R134,TP10,U19
4. NOT USED REFERENCE DESIGNATORS:  
C39,C64,E2,ICT59-65,ICT67-69,R66-67,R69-70,R123-124,TP1,U5
5. ◇ INDICATES ICT TESTPOINT.

△ SEE PARTS LIST FOR PART USAGE OR VALUE.

| REVISIONS |                        |        |        |          |
|-----------|------------------------|--------|--------|----------|
| REV       | DESCRIPTION            | REV BY | DATE   | APPROVED |
| A         | RELEASED PER EO 5980   | M.C.   | 990409 | TIM B.   |
| B         | RELEASED PER EO 6706   | M.C.   |        |          |
| C         | RELEASED PER ECO-07094 | GS     |        |          |
| D         | REVISED PER ECO-07545  | MGS    |        |          |

D

D

C

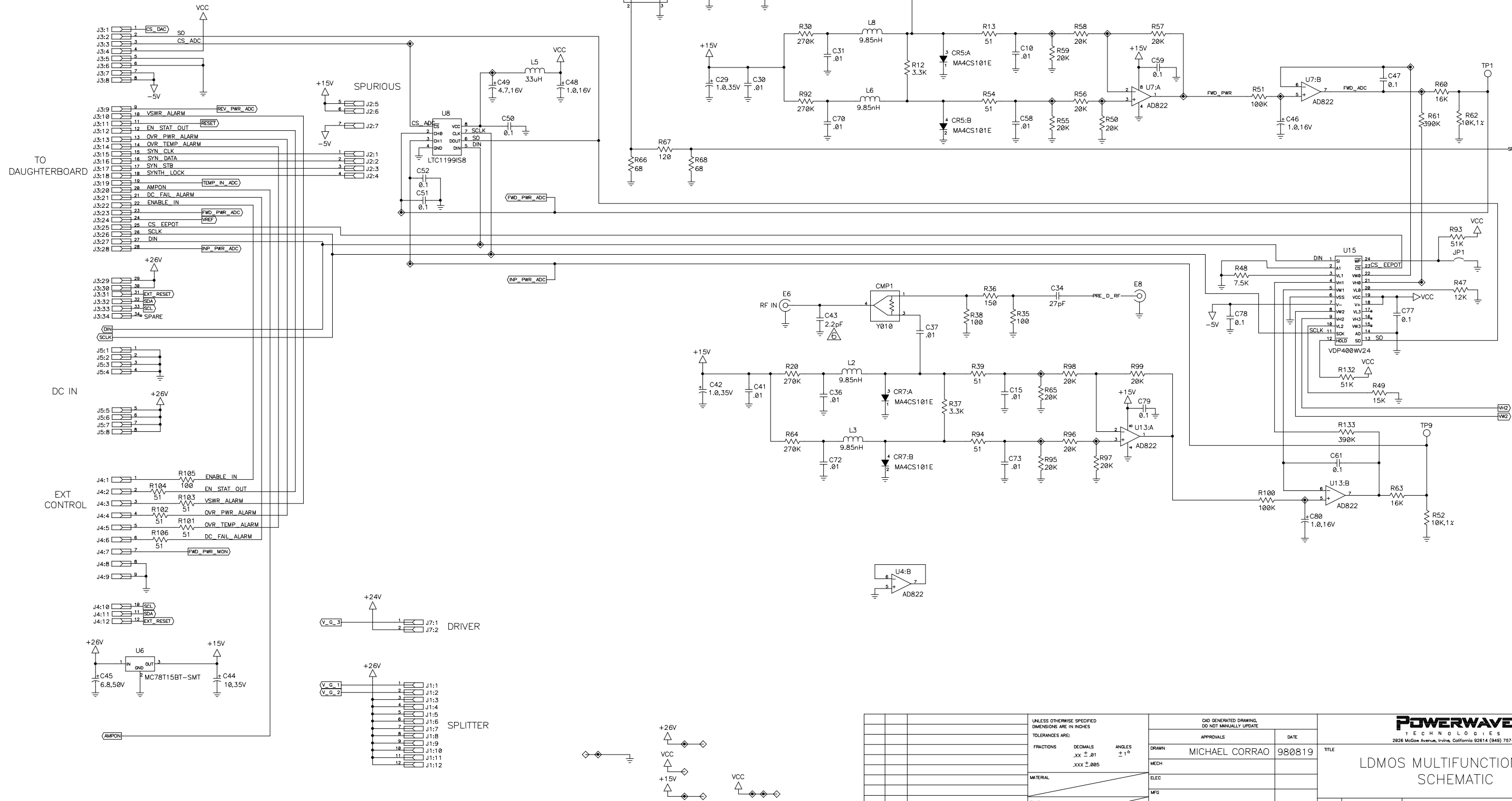
C

B

B

A

A



| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES ARE: |           | CAD GENERATED DRAWING,<br>DO NOT MANUALLY UPDATE |  | TITLE          |           |
|---------------------------------------------------------------------------|-----------|--------------------------------------------------|--|----------------|-----------|
| FRACTIONS                                                                 | DECIMALS  | ANGLES                                           |  | DRAWN          | DATE      |
| XX ± .01                                                                  | .XX ± .01 | XXX ± .005                                       |  | MICHAEL CORRAO | 980819    |
| MATERIAL                                                                  |           |                                                  |  | MECH           |           |
| FINISH                                                                    |           |                                                  |  | ELEC           |           |
|                                                                           |           |                                                  |  | MFG            |           |
|                                                                           |           |                                                  |  | QA             |           |
|                                                                           |           |                                                  |  | DGC CNL        |           |
| DO NOT SCALE DRAWING                                                      |           |                                                  |  |                |           |
| DASH NO.                                                                  | REV       | DESCRIPTION                                      |  | SIZE           | CAGE CODE |
|                                                                           |           |                                                  |  | D              | OFST3     |
| TABULATION                                                                |           |                                                  |  | DWG. NO.       | 300-01096 |
|                                                                           |           |                                                  |  | SCALE          | NONE      |
|                                                                           |           |                                                  |  | RELEASE DATE   |           |
|                                                                           |           |                                                  |  | SHEET          | 1 OF 2    |

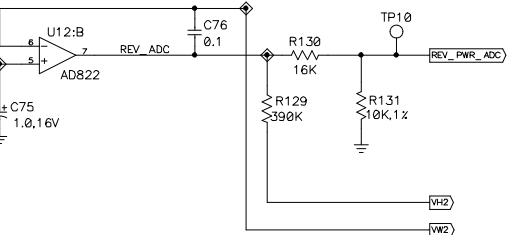
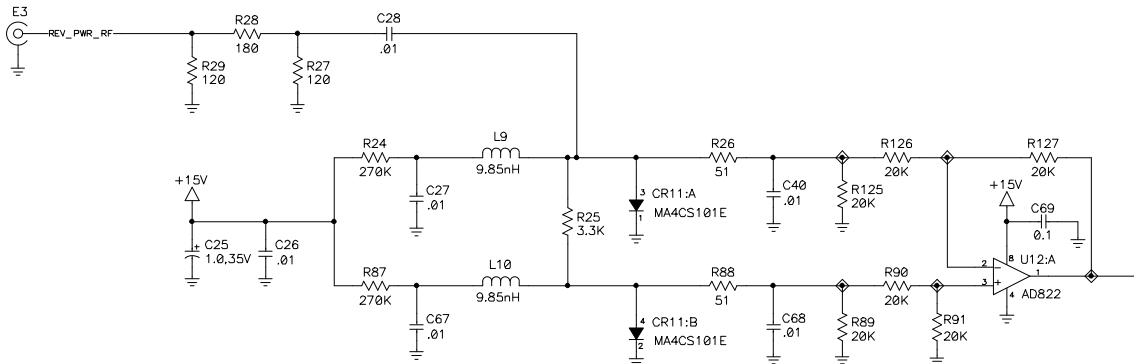
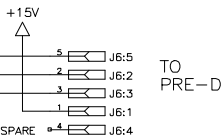
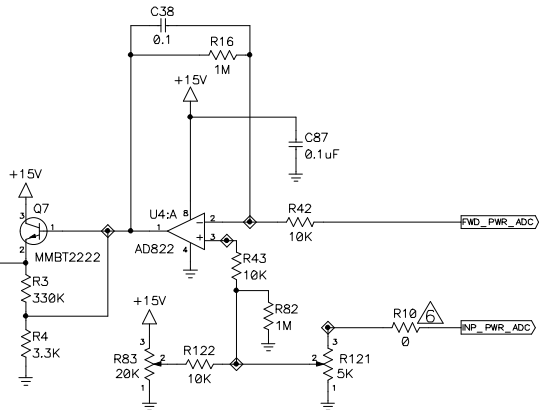
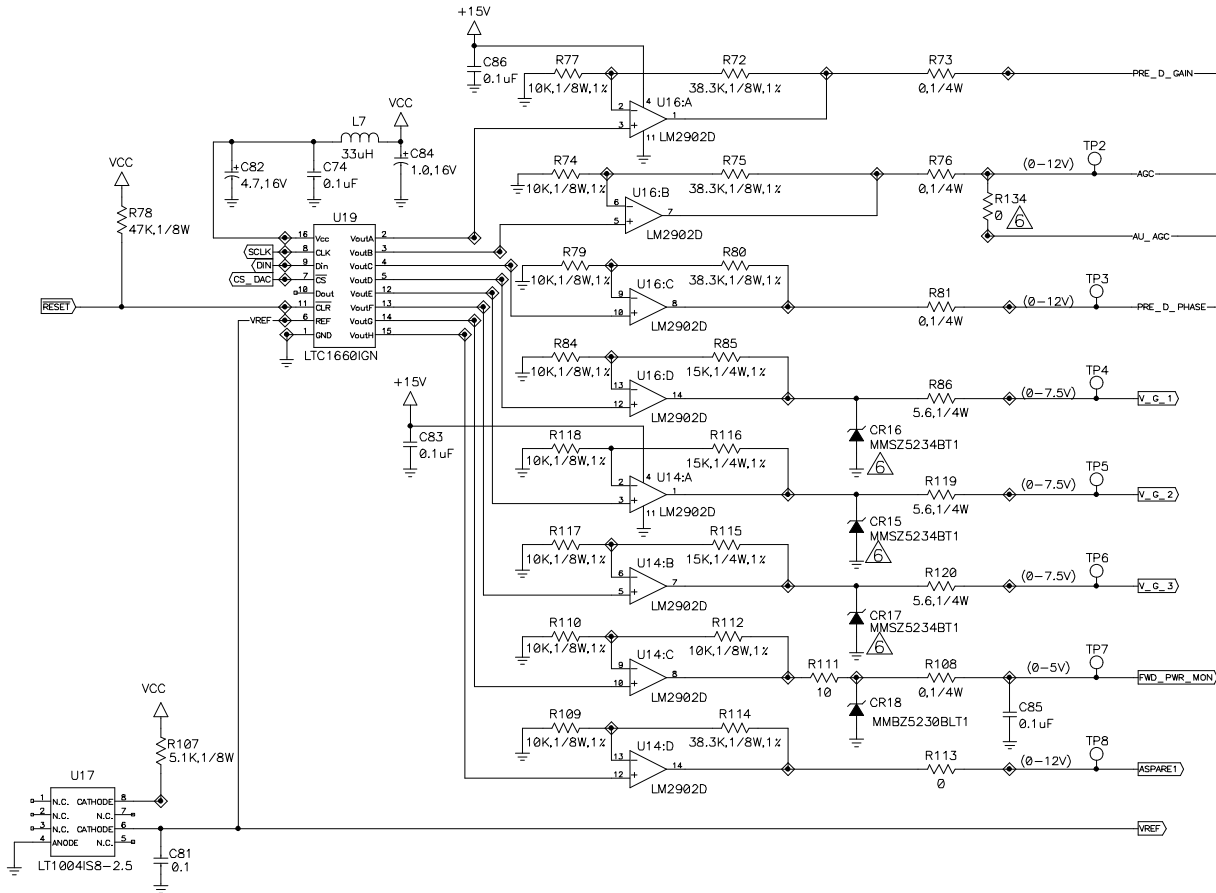
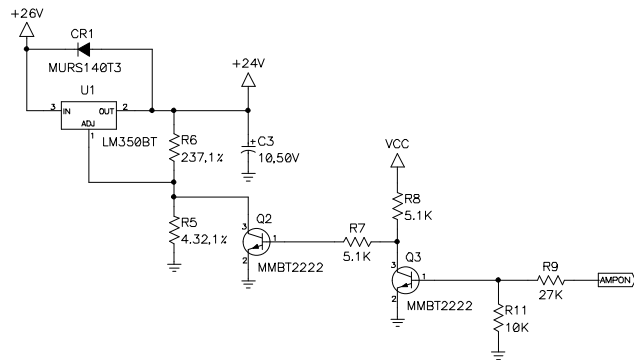
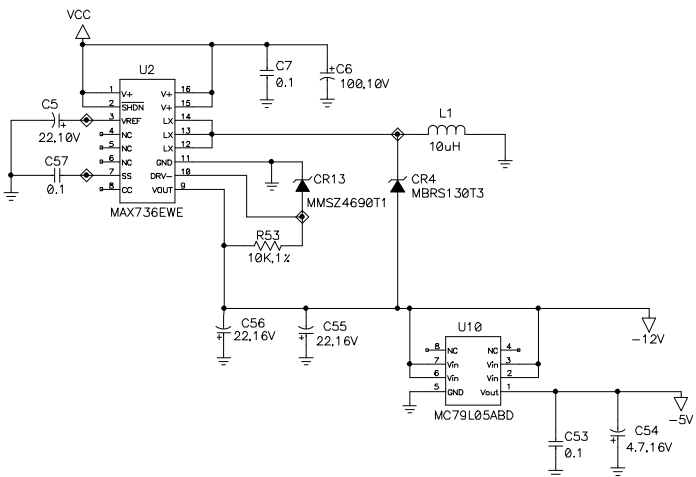
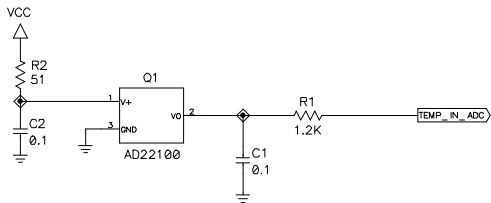
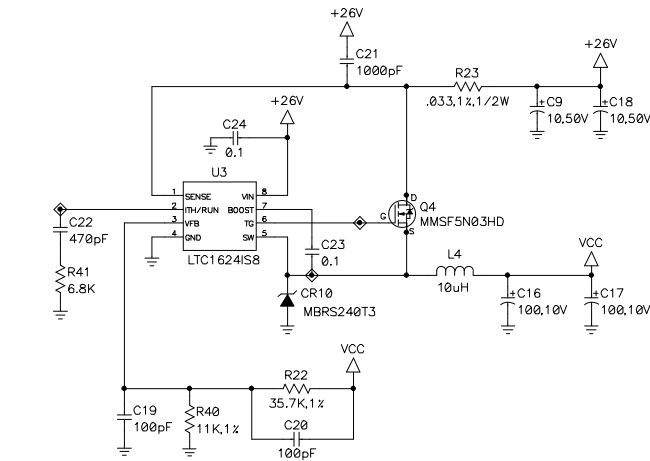
**POWERWAVE**  
TECHNOLOGIES  
2826 McGraw Avenue, Irvine, California 92614 (949) 757-8538

LDMOS MULTIFUNCTION, 55W,  
SCHEMATIC

REV. D

| REVISONS |             |        |      |
|----------|-------------|--------|------|
| REV      | DESCRIPTION | REV BY | DATE |
| —        | SEE SHEET 1 | —      | —    |

# D/A CONVERTER



| SIZE  | CAGE CODE    | DWG. NO.  | REV.   |
|-------|--------------|-----------|--------|
| D     | OFST3        | 300-01096 | D      |
| SCALE | RELEASE DATE | SHEET     | 2 OF 2 |
| NONE  |              |           |        |

[illegible]

|                                                                                                                                                  |  |                                                              |                                         |                                                                                            |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------|--|
| USE IF OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES AND<br>FRACTIONS    DECIMALS    ANGLES<br>.XXX ± .01    ± 1°<br>.XXX ± .005 |  | (DO GENERATED DRAWING<br>DO NOT MATERIAL UPDATE)             |                                         | <b>POWERWAVE</b><br><small>2001 BAYVIEW BLVD. SUITE 2000, DALLAS, TEXAS 75201-1188</small> |  |
|                                                                                                                                                  |  | APPROVAL<br>DESIGN    JOHN DICKSON<br>MECH<br>DATE    981118 | TITLE<br>SCHEMATIC,<br>OUTPUT 1 CIRCUIT |                                                                                            |  |
| MATERIAL                                                                                                                                         |  | PART#                                                        |                                         | REV    B    QST3    300-01000    REV    B                                                  |  |
| DESCRIPTION<br>TABULATION                                                                                                                        |  | MFG<br>DOC CHL<br>ISS DATE    RELEASE DATE                   |                                         | SHEET    1    OF    1                                                                      |  |
| DO NOT SCALE DRAWING                                                                                                                             |  |                                                              |                                         |                                                                                            |  |

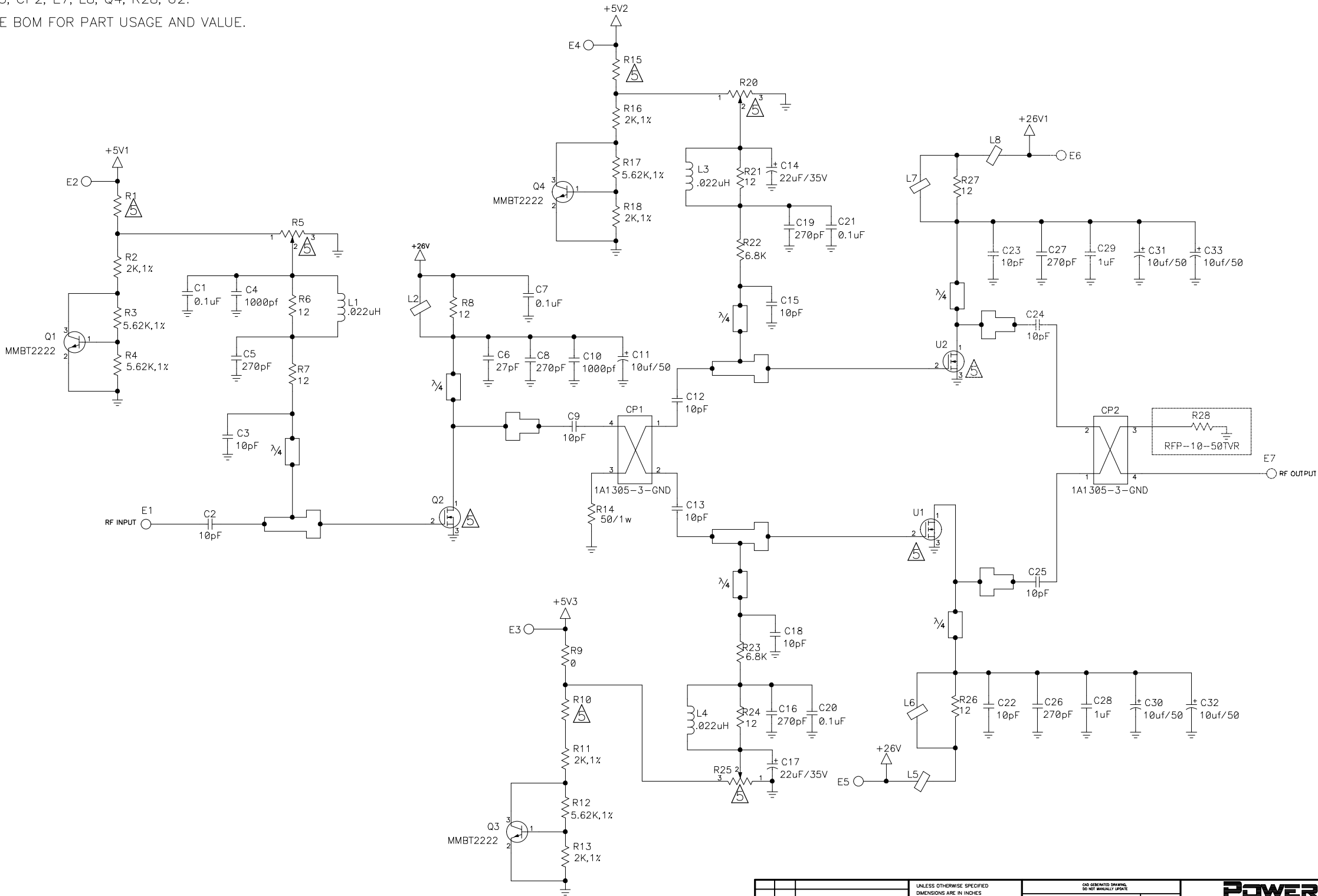
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1. ALL CAPACITOR VALUES ARE IN MICROFARADS.
2. ALL RESISTOR VALUES ARE IN OHMS.
3. REFERENCE ASSEMBLY DRAWING 500-01058.
4. LAST USED REFERENCE DESIGNATORS:  
C33, CP2, E7, L8, Q4, R28, U2.

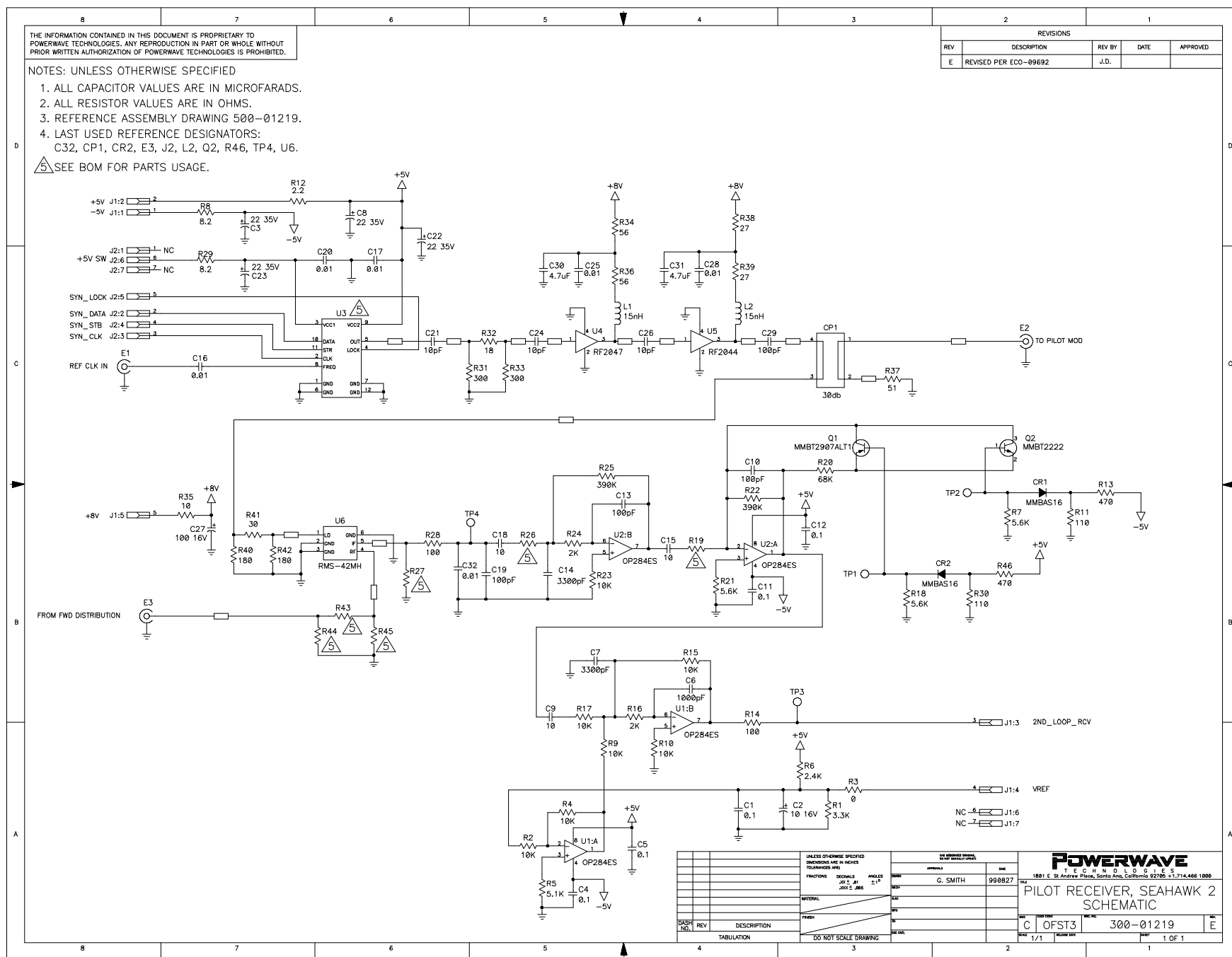
 SEE BOM FOR PART USAGE AND VALUE.

| REVISIONS |                                   |        |      |          |
|-----------|-----------------------------------|--------|------|----------|
| REV       | DESCRIPTION                       | REV BY | DATE | APPROVED |
| 01        | PRELIMINARY RELEASE PER ECO-05702 | M.M.   |      |          |
| A         | REVISED PER ECO-07545             | MGS    |      |          |



| DASH NO    |  | REV                  | DESCRIPTION | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES ARE:<br>FRACTIONS DECIMALS ANGLES<br>XX ± .01 ± 1°<br>XXX ± .005 |  |      | CAG GENERATED DRAWING,<br>DO NOT MANUALLY UPDATE |  | POWERWAVE<br>TECHNOLOGIES<br>2026 McGaw Avenue, Irvine, California 92614 (949) 757-0530 |  | TITLE |  | SCHEMATIC<br>PALLET, LDMOS, EVALUATION |  | SIZE C 1 OF ST3 |  | DATE NO 300-01058 |  | REV A        |  |
|------------|--|----------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------|--|------|--------------------------------------------------|--|-----------------------------------------------------------------------------------------|--|-------|--|----------------------------------------|--|-----------------|--|-------------------|--|--------------|--|
| TABULATION |  | DO NOT SCALE DRAWING |             | APPROVALS                                                                                                                             |  | DATE | DRAWN MICHAEL MARTINEZ                           |  | 990223                                                                                  |  | ELEC  |  | MFG                                    |  | SCALE 1/1       |  | RELEASE DATE      |  | SHEET 1 OF 1 |  |



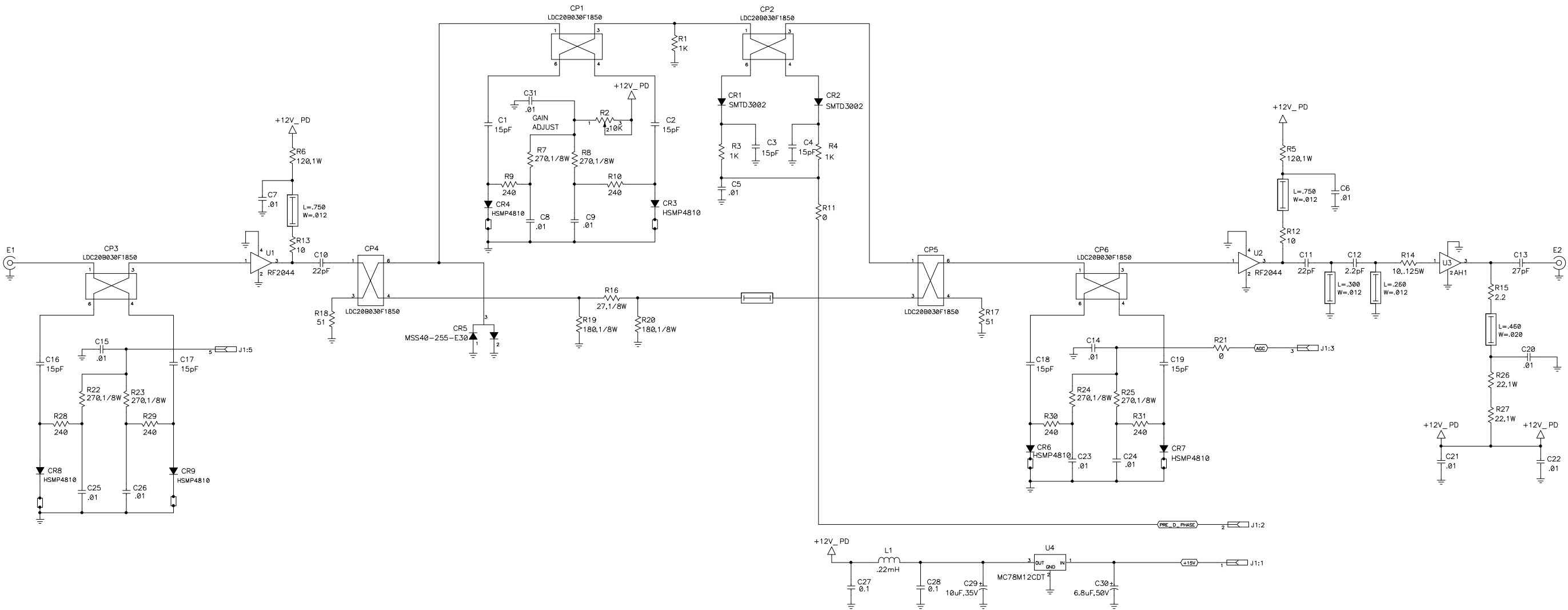




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  2. ALL RESISTOR VALUES ARE IN OHMS.
  3. REFERENCE ASSEMBLY DRAWING 500-01084-XXX.
  4. LAST USED REFERENCE DESIGNATORS:  
C31, CP6, CR9, E2, J1, L1, R31, U4.

| REVISIONS |                                   |        |        |
|-----------|-----------------------------------|--------|--------|
| REV       | DESCRIPTION                       | REV BY | DATE   |
| A         | PRELIMINARY RELEASE PER ECO-05952 | M.M.   | 990406 |
| B         | REVISED PER ECO-06694             | J.T.   | 990628 |
| C         | REVISED PER ECO-07020             | M.M.   |        |

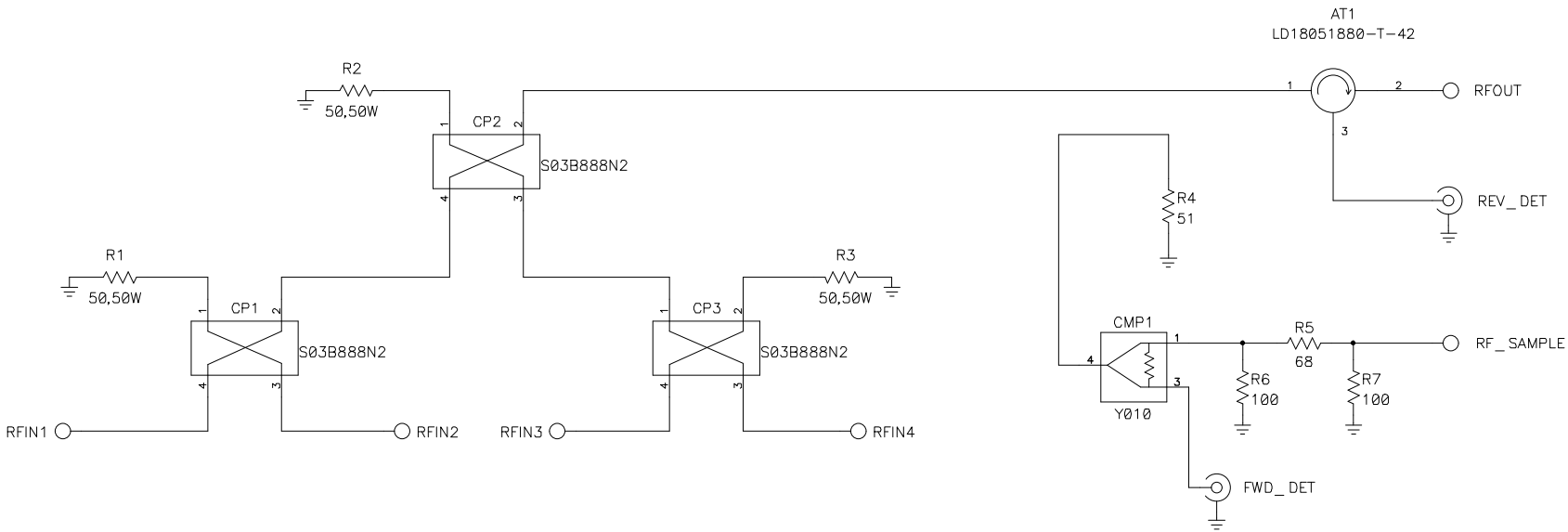


| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES ARE: |  |  |  | CAD GENERATED DRAWING,<br>DO NOT MANUALLY UPDATE |  | POWERWAVE<br>TECHNOLOGIES<br>2826 McGraw Avenue, Irvine, California 92614 (949) 757-8538 |  |
|---------------------------------------------------------------------------|--|--|--|--------------------------------------------------|--|------------------------------------------------------------------------------------------|--|
| FRACTIONS<br>XX ± .01<br>XXX ± .005                                       |  |  |  | APPROVALS                                        |  | TITLE                                                                                    |  |
| DECIMALS<br>XX ± .01<br>XXX ± .005                                        |  |  |  | DATE                                             |  | SCHEMATIC,<br>DIODE PRE-DESTORTER-2                                                      |  |
| MATERIAL                                                                  |  |  |  | DRAWN<br>M.MARTINEZ                              |  | SIZE<br>D                                                                                |  |
| FINISH                                                                    |  |  |  | MECH                                             |  | CAGE CODE<br>OFST3                                                                       |  |
| DO NOT SCALE DRAWING                                                      |  |  |  | ELEC                                             |  | DWG. NO.<br>300-01084                                                                    |  |
| TABULATION                                                                |  |  |  | MFG                                              |  | REV.<br>C                                                                                |  |
|                                                                           |  |  |  | QA                                               |  | SCALE<br>NONE                                                                            |  |
|                                                                           |  |  |  | DOC CNTRL                                        |  | RELEASE DATE                                                                             |  |
|                                                                           |  |  |  |                                                  |  | SHEET<br>1 OF 1                                                                          |  |

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1. ALL CAPACITOR VALUES ARE IN MICROFARADS.
  2. ALL RESISTOR VALUES ARE IN OHMS.
  3. REFERENCE ASSEMBLY DRAWING 500-01066.
  4. LAST USED REFERENCE DESIGNATORS:  
AT1, CMP1, CP3, R7.

| REVISIONS |                       |        |        |          |
|-----------|-----------------------|--------|--------|----------|
| REV       | DESCRIPTION           | REV BY | DATE   | APPROVED |
| A         | RELEASE PER ECO-05810 | T.B.   | 990311 |          |
| B         | REVISED PER ECO-06514 | JJD    |        |          |
| C         | REVISED PER ECO-08849 | J.T    | 5/2/00 |          |



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|---------------------------------------------------------------------------|-----------|--------|--------------------------------------------------|--------|------------------------------------------------------------------------------------------------|--------------|-----------|--------|
| FRACTIONS                                                                 | DECIMALS  | ANGLES | DRAWN                                            | DATE   | TITLE                                                                                          |              |           |        |
| .XX ± .01                                                                 | .XX ± .01 | ± °    | JOHN J. DICKSON                                  | 990623 | COMBINER, 4 WAY-HYBRID<br>SCHEMATIC                                                            |              |           |        |
| MATERIAL                                                                  |           |        | ELEC                                             |        | SIZE                                                                                           | DOC CODE     | REV NO    | REV    |
| FINISH                                                                    |           |        | WFS                                              |        | C                                                                                              | OFST3        | 300-01066 | C      |
| DO NOT SCALE DRAWING                                                      |           |        | SA                                               |        | SCALE                                                                                          | RELEASE DATE | SHEET     | 1 OF 1 |
| TABULATION                                                                |           |        | DOC CMT                                          |        | NTS                                                                                            |              |           |        |