

APPENDIX 3  
FUNCTION OF DEVICES  
70-1691B

THREE (3) PAGES OF DEVICE FUNCTIONS FOLLOW THIS SHEET

FUNCTION OF DEVICES  
FCC ID: NCP701691B

APPENDIX 3

## 70-1691 ACTIVE SEMICONDUCTORS (1/3)

| SYMBOL | TYPE       | FUNCTION         |
|--------|------------|------------------|
| Q201   | 2SC 3356   | RF Amp           |
| Q202   | 2SC3357    | RF Amp           |
| Q203   | 2SK508K52  | IF Amp           |
| Q204   | 2SK360E    | IF Amp           |
| Q205   | RT1N241C   | Switch           |
| Q206   | RT1N241C   | Switch           |
|        |            |                  |
| IC202  | TA31136FN  | FM.I.F.          |
| IC203  | TDA1519A   | Audio Amplifier  |
| IC204  | HA178L05UA | 5V Regulator     |
|        |            |                  |
| Q301   | RT1N241C   | Switch           |
| Q302   | 2SC2462C   | Switch           |
| Q303   | 2SD1421ED  | Switch           |
| Q304   | RT1N241C   | Switch           |
|        |            |                  |
| IC301  | HA178L05UA | 5V Regulator     |
| IC302  | M38203M4   | Micro Computer   |
| IC303  | XC61AC4102 | Reset Switch     |
| IC305  | HD145388   | Switch           |
| IC306  | BU4066BCFV | Analog Switch    |
|        |            |                  |
| Q401   | 2SC2462C   | Buffer Amplifier |
| Q402   | 2SC2462C   | Switch           |
| Q403   | 2SC2462C   | Switch           |
| Q404   | RT1N241C   | Switch           |
| Q405   | RT1N241C   | Switch           |
| Q406   | UMH1N      | Switch           |
| Q407   | UMH1N      | Switch           |
| Q408   | RT1N241C   | Switch           |
|        |            |                  |
| IC401  | AK2368     | Audio Processor  |
| IC402  | BA3308F    | MIC Amplifier    |

|       |          |                       |
|-------|----------|-----------------------|
| IC403 | MF6CWMX  | Operational Amplifier |
| IC404 | BA14741F | Operational Amplifier |

## 70-1691 ACTIVE SEMICONDUCTORS (2/3)

| SYMBOL | TYPE       | FUNCTION              |
|--------|------------|-----------------------|
| IC405  | BA14741F   | Operational Amplifier |
| IC406  | HD14053BFP | Analog Switch         |
| IC407  | BU4066BCFV | Analog Switch         |
| IC408  | BA728F     | Operational Amplifier |
| IC409  | BA728F     | Operational Amplifier |
| IC410  | SC14S66F   | Analog Switch         |
| IC411  | SC14S66F   | Analog Switch         |
| IC412  | TC4W53FU   | Analog Switch         |
| IC413  | TC4W53FU   | Analog Switch         |
| IC415  | BA728F     | Operational Amplifier |
|        |            |                       |
| Q501   | MRF555     | Power Amp             |
| Q502   | 2SC3021    | Power Amp             |
| Q503   | 2SC3022    | Power Amp             |
| Q510   | 2SC2905    | Power Amp             |
| Q511   | 2SC3102    | Power Amp             |
| Q512   | 2SC3102    | Power Amp             |
| Q507   | 2SB945Q    | APC                   |
| Q509   | 2SC2462C   | APC                   |
|        |            |                       |
| IC501  | BA728F     | Operational Amplifier |
|        |            |                       |
| Q701   | 2SA1121C   | Charge Pump           |
| Q702   | 2SC2462C   | Charge Pump           |
| Q703   | 2SA1121C   | Charge Pump           |
| Q704   | 2SC2462C   | Charge Pump           |
| Q705   | RT1N241C   | Switch                |
| Q706   | 2SK508K52  | VCO                   |
| Q707   | 2SC3356    | Pre Amp               |
| Q708   | 2SC3357    | Pre Amp               |
| Q709   | 2SA1576A   | Switch                |
| Q710   | UMH1N      | Switch                |
| Q713   | UMB10N     | Switch                |

|      |          |        |
|------|----------|--------|
| Q714 | UMH1N    | Switch |
| Q715 | 2SB1197K | Switch |

## 70-1691 ACTIVE SEMICONDUCTORS (3/3)

| SYMBOL | TYPE          | FUNCTION              |
|--------|---------------|-----------------------|
| Q716   | 2SD596DV3     | Filter                |
| Q717   | 2SC3357       | Local Amp             |
| IC701  | MB1504PF      | Synthesizer           |
| IC702  | BU4066BCFV    | Analog Switch         |
| IC703  | $\mu$ PC1675G | Operational Amplifier |
| IC704  | $\mu$ PC1675G | Operational Amplifier |
| IC705  | $\mu$ PC1675G | Operational Amplifier |
|        |               |                       |
| Q901   | 2SC2462C      | Switch                |
| Q902   | RT1N241C      | Switch                |
| Q903   | 2SJ246S       | Switch                |
| Q904   | RT1N241C      | Switch                |
| Q905   | RT1N241C      | Switch                |
|        |               |                       |
| IC901  | M38077M8      | Micro Computer        |
| IC902  | AT24C32       | E2PROM                |
| IC904  | NJM7808DLA    | 8V Regulator          |
| IC905  | HA178L05UA    | 5V Regulator          |
| IC906  | RH5VL45AA     | 5V Regulator          |
| IC907  | XC61AC4102MR  | Reset Switch          |
| IC910  | RH5RL50AA     | 5V Regulator          |

APPENDIX 4  
SCHEMATIC DIAGRAMS

FOUR (4) SCHEMATIC DIAGRAMS FOLLOWS THIS SHEET

SCHEMATIC DIAGRAM  
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