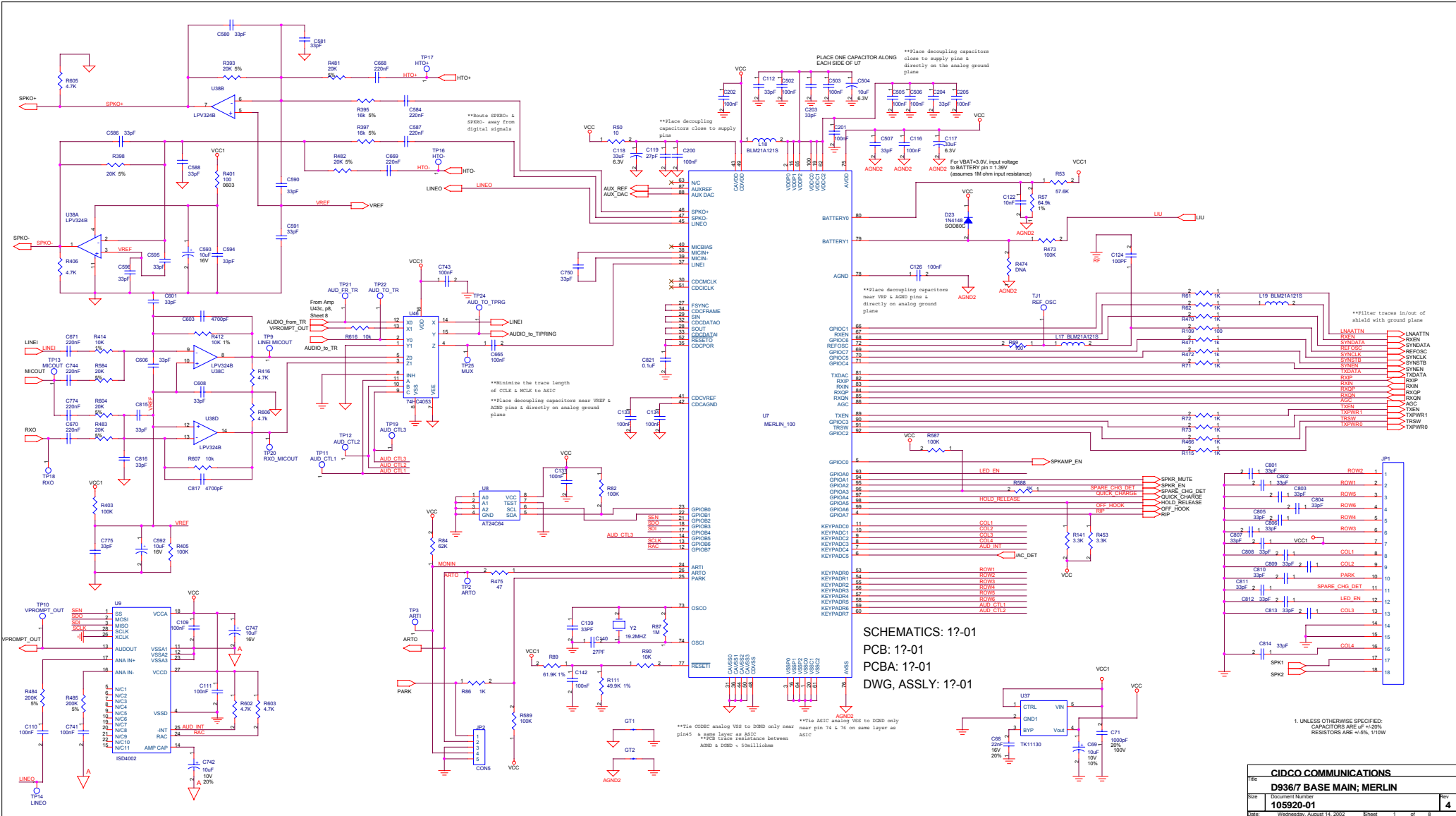
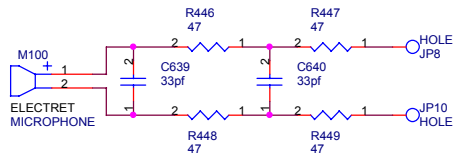


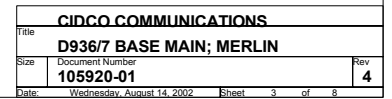


| CIDCO COMMUNICATIONS     |                            |       |        |
|--------------------------|----------------------------|-------|--------|
| D936/7 BASE MAIN: MERLIN |                            |       |        |
| File                     | Document Number            | Rev   |        |
| Size                     | 105920-01                  | 4     |        |
| Date                     | Wednesday, August 14, 2002 | Sheet | 1 of 8 |

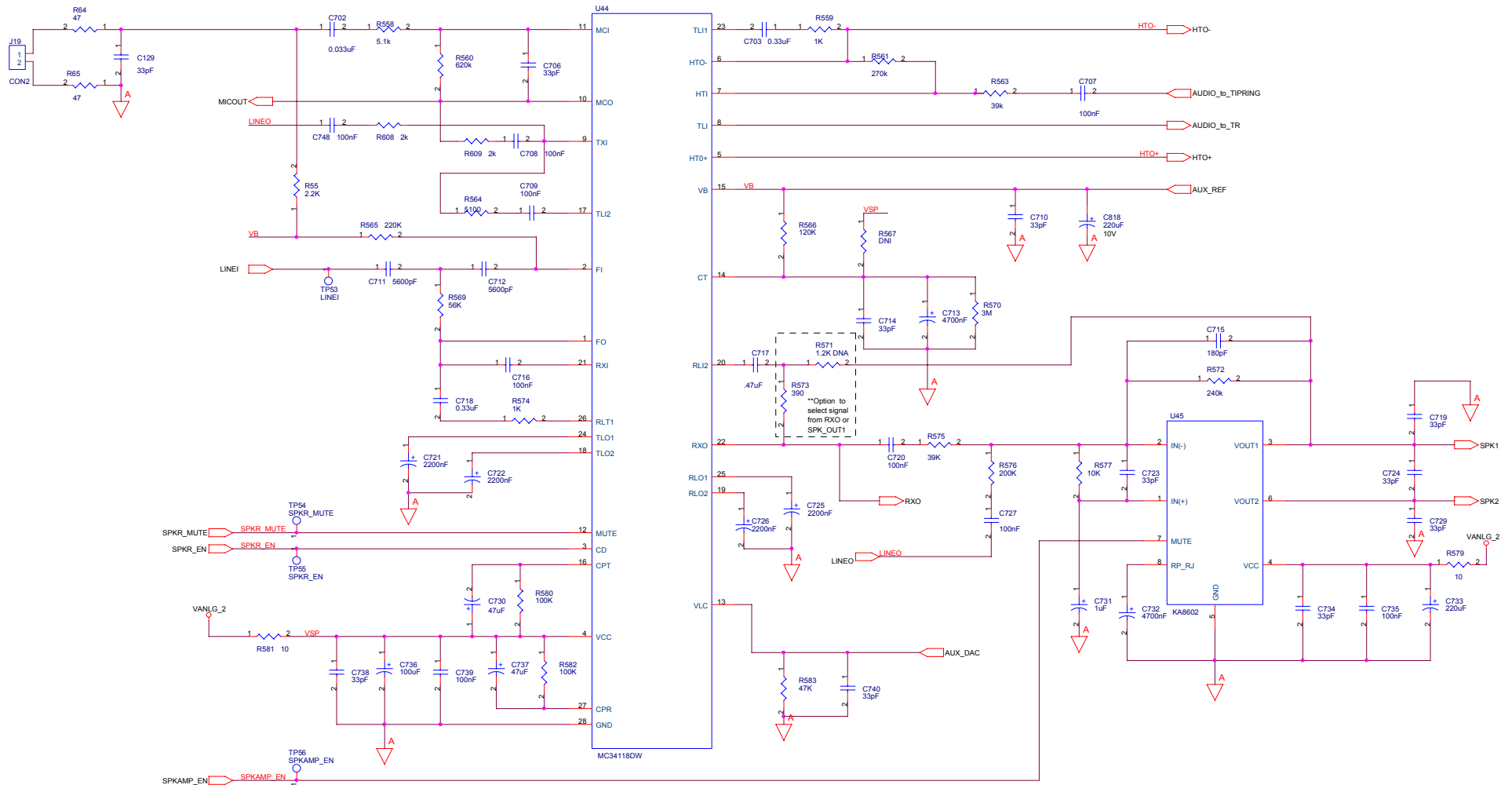


|                      |                            |                          |              |
|----------------------|----------------------------|--------------------------|--------------|
| CIDCO COMMUNICATIONS |                            |                          |              |
| Title                |                            | D936/7 BASE MAIN; MERLIN |              |
| Size                 | Document Number            |                          | Rev          |
|                      | 105920-01                  |                          | 4            |
| Date:                | Wednesday, August 14, 2002 |                          | Sheet 2 of 8 |

\*\*Place the filter close to Power Jack



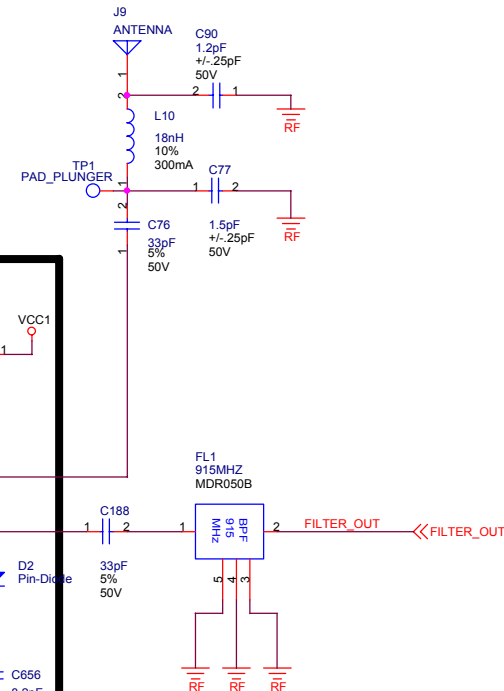
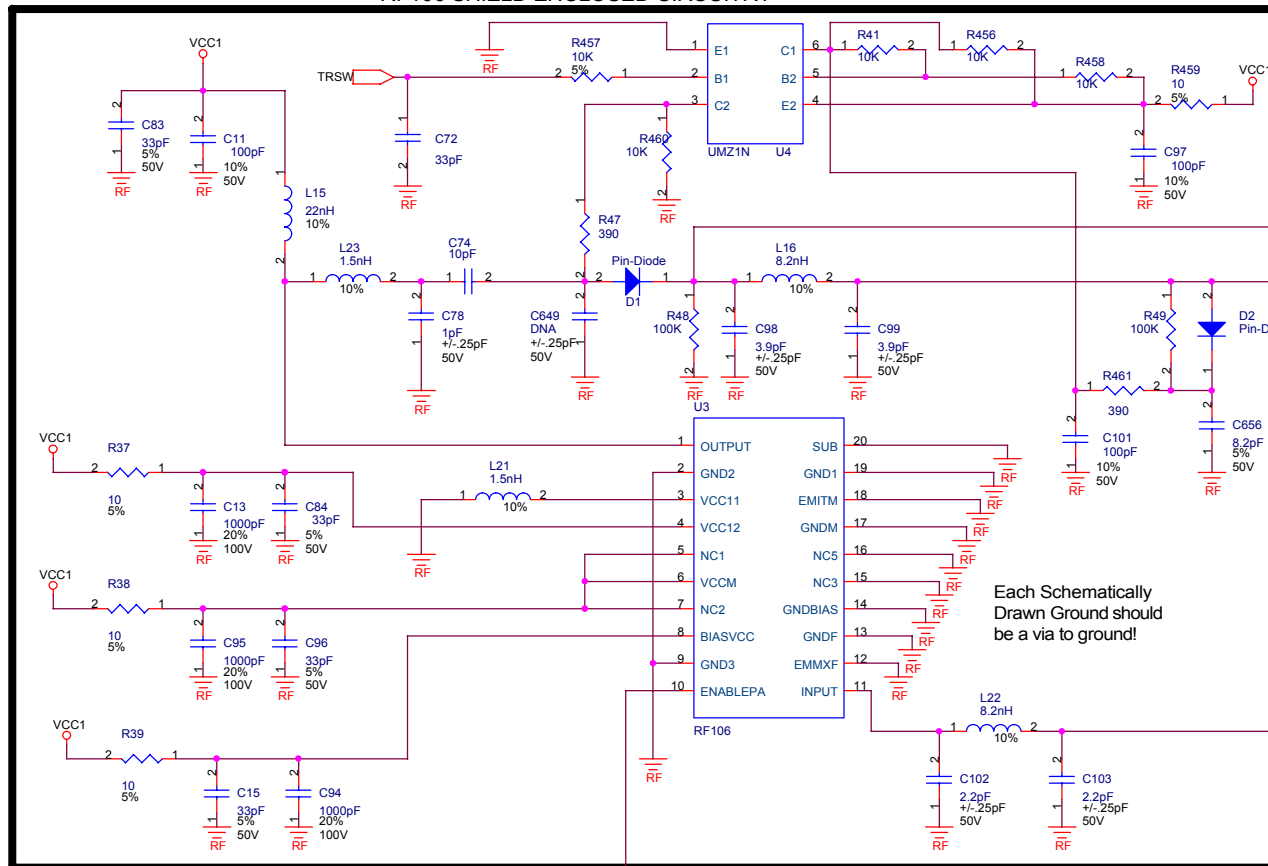
\*\*Run all microphone traces opposite side of where antenna is mounted  
and shield the traces with ground plane & away from digital signals



# SPEAKER PHONE

| CIDCO COMMUNICATIONS |                            |           |        |
|----------------------|----------------------------|-----------|--------|
| Title                | D936/7 BASE MAIN; MERLIN   |           |        |
| Size                 | Document Number            | 105920-01 |        |
| Date                 | Wednesday, August 14, 2002 | Sheet     | 4 of 8 |
| Rev                  | 4                          |           |        |

# RF106 SHIELD ENCLOSED CIRCUITRY



Each Schematically  
Drawn Ground should  
be a via to ground!

Power Amplifier

**CIDCO COMMUNICATIONS**

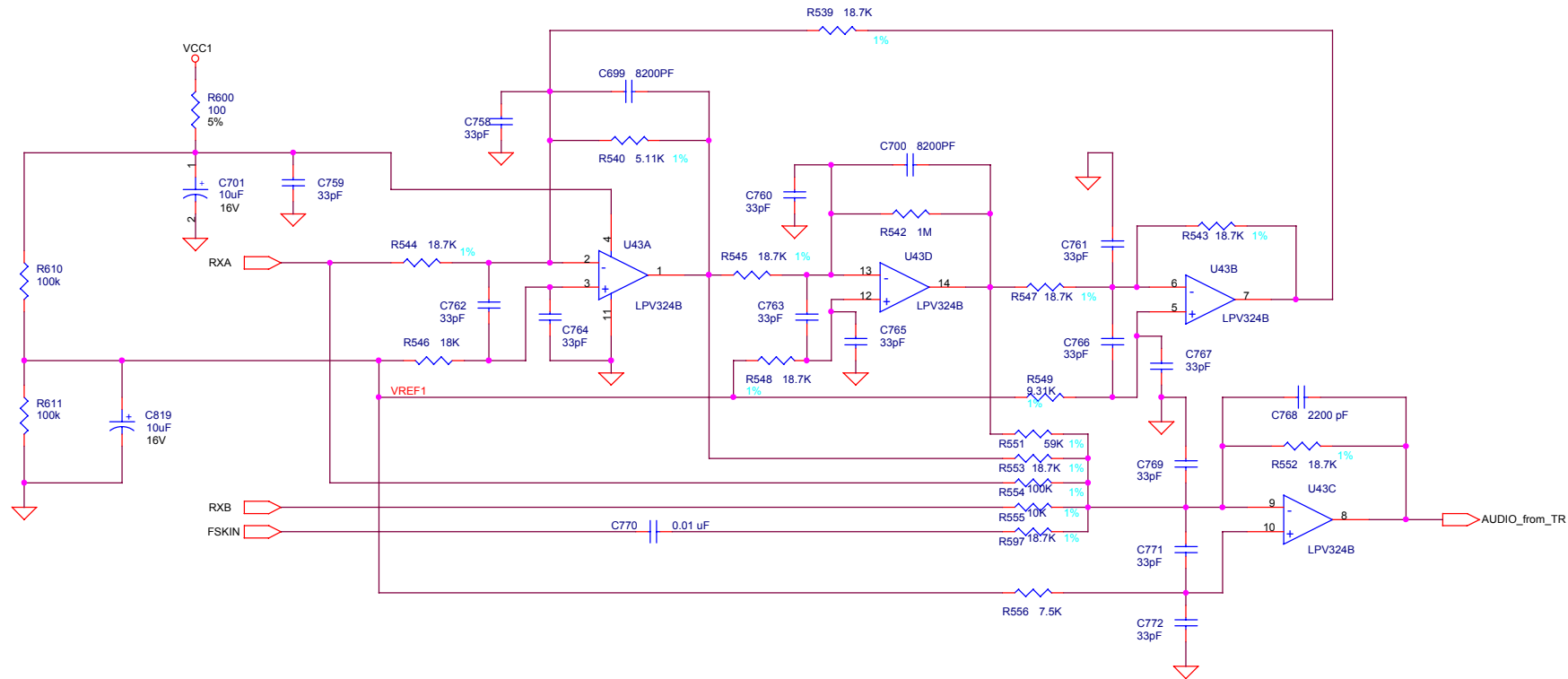
**D936/7 BASE MAIN, MERLIN**

|        |                  |          |
|--------|------------------|----------|
| Size B | Document Number  | Rev      |
|        | <b>105920-01</b> | <b>4</b> |

Date: Wednesday, August 14, 2002 Sheet 5 of 8

RF OUT  
50 OHMS

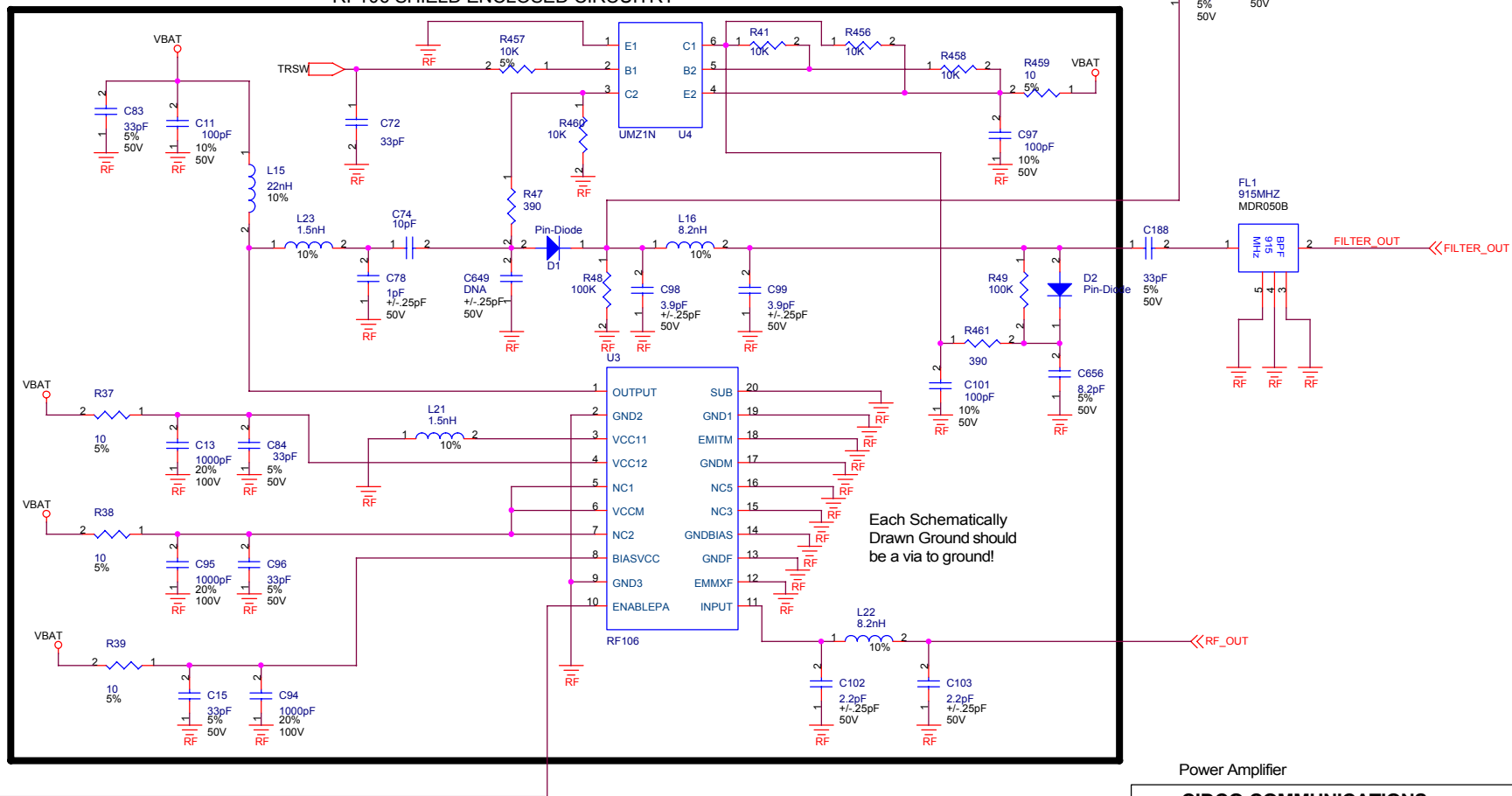




# LINE MATCHING NETWORK

| CIDCO COMMUNICATIONS |                            |              |
|----------------------|----------------------------|--------------|
| Title                | D936/7 BASE MAIN; MERLIN   |              |
| Size                 | Document Number            | Rev          |
|                      | 105920-01                  | 4            |
| Date:                | Wednesday, August 14, 2002 | Sheet 8 of 8 |

# RF106 SHIELD ENCLOSED CIRCUITRY



TXEN

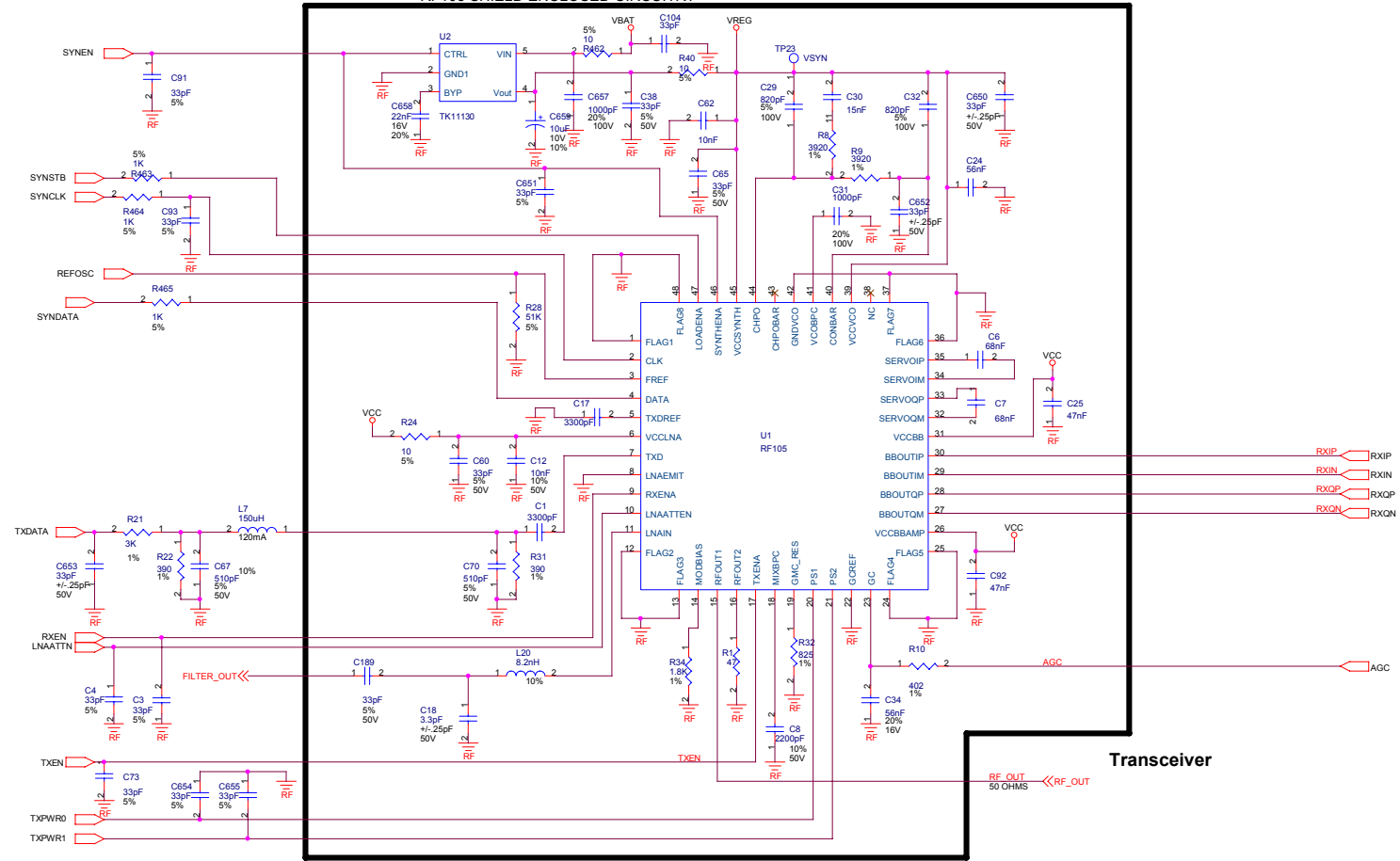
Power Amplifier

**CIDCO COMMUNICATIONS**

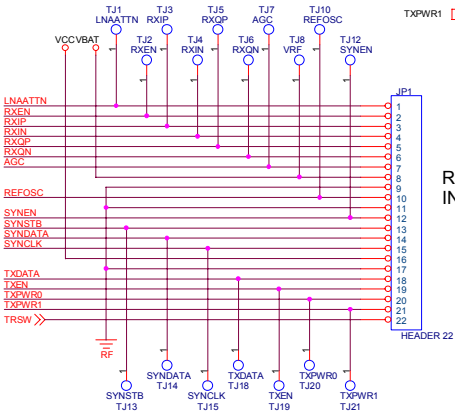
**D933 HANDSET RADIO, MERLIN**

|        |                         |              |
|--------|-------------------------|--------------|
| Size B | Document Number         | Rev B        |
|        | <b>105675-01</b>        |              |
| Date:  | Monday, August 12, 2002 | Sheet 1 of 2 |

# RF105 SHIELD ENCLOSED CIRCUITRY

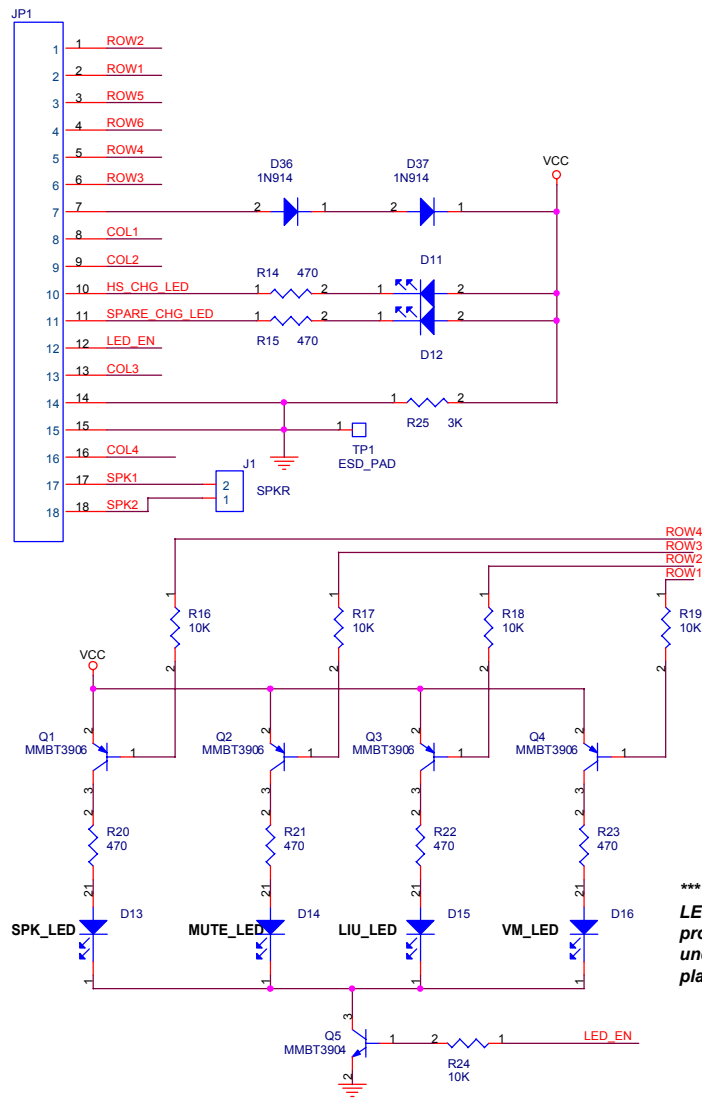


Transceiver

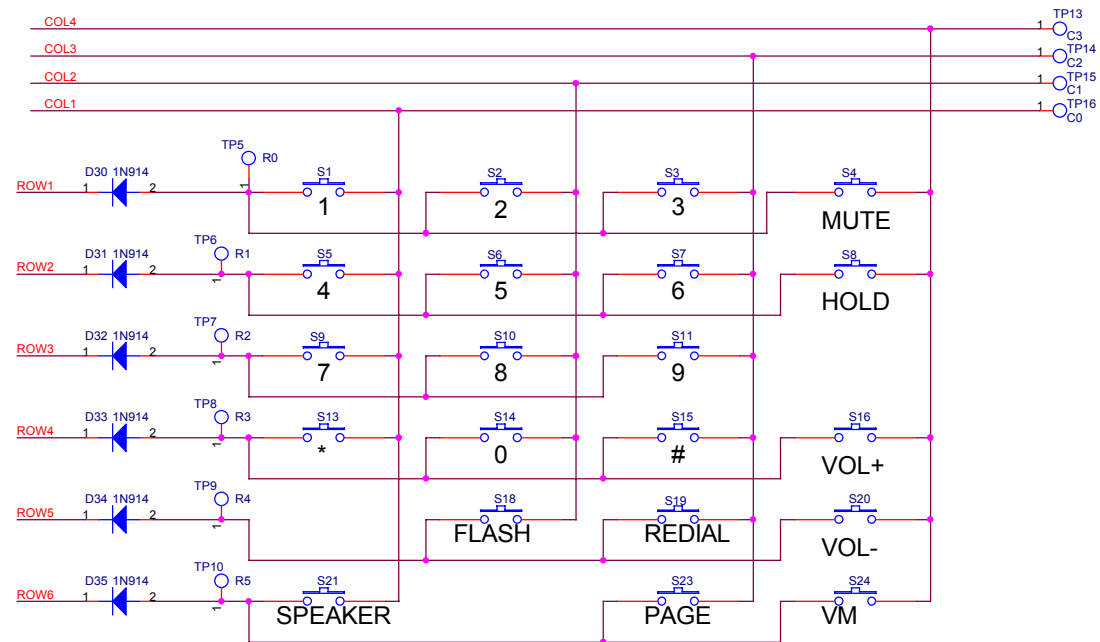


RF  
INTERFACE

| CIDCO COMMUNICATIONS       |                         |       |        |
|----------------------------|-------------------------|-------|--------|
| D933 HANDSET RADIO, MERLIN |                         |       |        |
| File                       | Document Number         | Rev   |        |
| Size                       | 105675-01               | B     |        |
| Date                       | Monday, August 12, 2002 | Sheet | 2 of 2 |



\*\*\* Move VM LED so it sits in proper position under base plastic.\*\*\*



| CIDCO COMMUNICATIONS       |                         |       |        |
|----------------------------|-------------------------|-------|--------|
| Title                      |                         |       |        |
| D936/7 BASE KEYPAD; MERLIN |                         |       |        |
| Size B                     | Document Number         | Rev   |        |
|                            | 105916-01               | 4     |        |
| Date:                      | Thursday, July 25, 2002 | Sheet | 1 of 1 |

