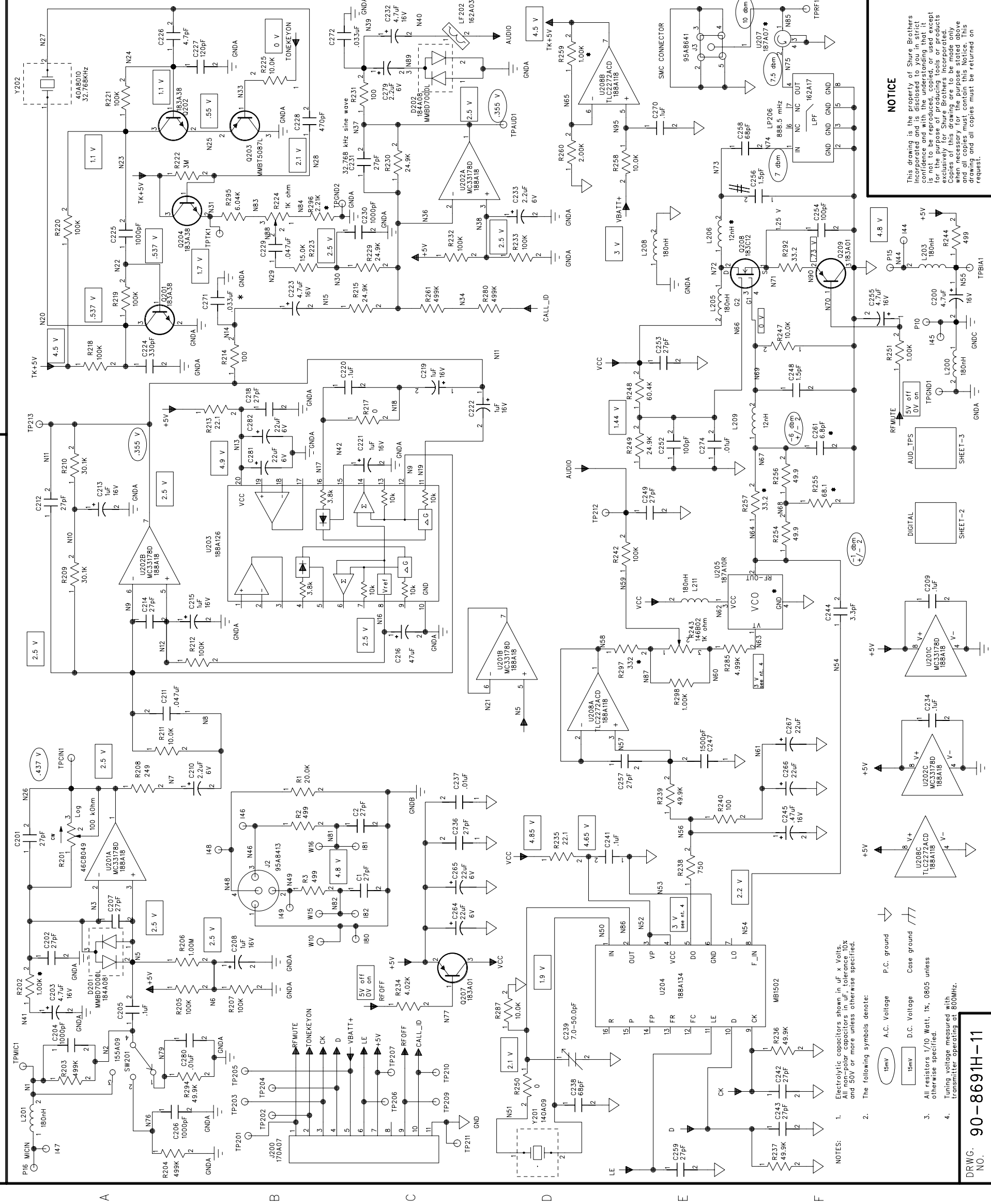


# UHF BODY PACK RF AUDIO BOARD



- NOTES:
1. Electrolytic capacitors shown in  $\mu\text{F}$  x Volts. All non-polar capacitors in  $\mu\text{F}$ , tolerance  $\pm 10\%$  and 50V or more unless otherwise specified.
  2. The following symbols denote:
    - $\text{5mV}$  A.C. Voltage
    - $\text{5mV}$  D.C. Voltage
    - $\text{P.C. ground}$  P.C. ground
    - $\text{Case ground}$  Case ground
  3. All resistors 1/10 Watt, 1%, 0805 unless otherwise specified.
  4. Tuning voltage measured with transmitter operating at 800MHz.

DRWG. NO. 90-8691H-11

DRWG. NO. 90-8691J-11

SHEET NO. 1 OF 3

ORIG. ISSUED

- |    |   |
|----|---|
| 1  | RECORD OF CHANGES MADE  |
| 2  | Released For Production 4/24/96   |
| 3  | ECO# 80880 Change Component values On Sheet 1 C248, C261, & C258  |
| 4  | ECO# 80894 CHANGE VCO (U205) TO IMPROVE MICROPHONES MAK 5/2/96  |
| 5  | ECO# 80864: JAPAN CHANGES TO 3A48E20F CHANGED FROM 3A48E20E TO 3A48E20F REVISED THROUGHOUT ADDER D201 & D202 FOR LIMITING CHANGED COMPONENT VALUES FOR NEW RF AMP 183C12. UK CHANGES ADDED REVISED NET NAMES, FUNCTIONAL TEST POINT NAMES, AND IC TEST POINT NAMES. MJB 11-9-98 |
| 6  | ECO# 81016: CHANGED R254, R255, R256 TO C290, C291 AND C295 FOR IMPROVED VCO START-UP   |
| 7  | ECO# 81036: CHANGED R296 TO IMPROVE TONE-KEY ADJUSTMENT   |
| 8  | ECO# 81043: CHANGED R297 & R298 TO IMPROVE DEVIATION ADJUSTMENT   |
| 9  | ECO# 81077: CHANGED R287 TO 10K   |
| 10 | ECO# 81093: REPLACED L104 WITH SHORT TO REDUCE SUSCEPTIBILITY TO ESD L104 PREVIOUSLY CONNECTED DIGITAL GROUND TO AUDIO GROUND. KJM 3/25/97  |
| 11 | ECO# 81133: CHANGED C290, C291, C292 BACK TO R254, R255, R256. VALUES FOR C261 AND R257 WERE UPDATED IN FREQUENCY DEPENDENT TABLE KJM 5/12/97   |
| 12 | ECO# 81187: CHANGED R101, R106 FROM 149F1004, C106 FROM 150DA334K8 KJM 11/17/97   |
| 13 | ECO# 81296: C247 was .01 (X7R) Revision changed to ".H" KJM 2/26/96   |
| 14 | ECO# 81326: Updated values in Frequency Table for up Revision changed to ".H" KJM 5/18/98   |
| 15 | ECO# 81508: Added UB to Frequency table General clean-up of schematic KJM 12/30/98  |

ORIG. USED IN

SHURE BROTHERS INC.  
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 EVANSTON, IL 60202  
 PHONE 847-866-2200  
 Microphones - Electronic Components

DRAWN D. Cerra 3/6/96  
 CHECKED MAK SMG 5/30/96  
 APPROVED KJM 6/1/96  
 APPROVED

### NOTICE

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