

DESCRIPTION PRINTED CIRCUIT BOARD ASSEMBLY (U2 FAMILY)				DRWG. NO. 90-8689H-3	
REFER TO DRAWING NOS. 90-8689-11				SHEET NO. 4 OF 4 SHEETS	
				ORIG. ISSUED 05/14/96	
ITEM	P.P.NO.	QUAN.	DESCRIPTION		
FT	162R10	5	INDUCTOR 10% 0.18 μ H L203,210,211,248,249		
FV	183A01	3	TRANSISTOR PNP, SOT-23 (MMBT5087) Q206,208,209		
FW	183C12	1	TRANSISTOR DUAL GATE Ga As MES (NE25139) Q203		
FX	183A35	1	TRANSISTOR MOS FET (MDT3055EL) Q101		
FY	183A38	1	TRANSISTOR NPN SOT-23 (MMBT5089L) Q207		
FZ	188A118	1	DUAL OPERATIONAL AMPLIFIER U210		
GA	188B210	1	VOLTAGE DETECTOR U105		
GB	145BF4993	2	RESISTOR 1/10W 1% 499K R287,288		
GC	150DA—	2	CAPACITOR 50V 10% (NOTE 1) C284,285		
GD	184A08	2	DUAL DIODES D203, 204		
GE	150DB152JA	1	CAPACITOR 100V 5% 1500 pF C257		
NOTES:					
1. PARTS WHICH CHANGE PER ASSEMBLY NUMBER ARE NOTED IN THE FOLLOWING TABLE:					
90-8689H ASSEMBLY NUMBERS/PARTS					
REF. DESIGNATOR	90A8689H	90B8689H	90C8689H	90D8689H	90E8689H
R259	145BF1001(1K)	145BF4991(4.99K)	145BF1001	145BF1001	145BF1001
C284, C285	DO NOT PLACE	150DA333KB	150DA333KB	DO NOT PLACE	DO NOT PLACE
*R-A1	145BF1001	DO NOT PLACE	DO NOT PLACE	DO NOT PLACE	145BF1001
*R-B1	DO NOT PLACE	145BF1001	DO NOT PLACE	DO NOT PLACE	145BF1001
*R-A2	145BF1001	DO NOT PLACE	DO NOT PLACE	DO NOT PLACE	145BF1001
*R-B2	DO NOT PLACE	145BF1001	DO NOT PLACE	DO NOT PLACE	145BF1001
R293	145BF6041(6.04K)	145BF7501(7.50K)	145BF6041	145BF6041	145BF6041
R294	145BF2491(2.49K)	145BF1821(1.82K)	145BF2491	145BF2491	145BF2491
R295	145BF3320(332)	145BF3010(301)	145BF3320	145BF3320	145BF3320
U206	187A10R	187A10R	187B10R	187C10R	187D10R
U207	187A07	187A07	187B07	187A07	187C07
R-C1	DO NOT PLACE	DO NOT PLACE	145BF1001	DO NOT PLACE	DO NOT PLACE
R-C2	DO NOT PLACE	DO NOT PLACE	145BF1001	DO NOT PLACE	DO NOT PLACE
R256	145BF33R2	145BF22R1	145BF33R2	145BF22R1	145BF33R2
R257	145BF68R1	145BF1500	145BF68R1	145BF1000	145BF68R1
C270	150DB688CA	150DB688CA	150DB568CA	150DB688CA	150DB688CA
L207	162B10	162B10	162C10	162B10	162B10
R-D1	DO NOT PLACE	DO NOT PLACE	DO NOT PLACE	145BF1001	DO NOT PLACE
R-D2	DO NOT PLACE	DO NOT PLACE	DO NOT PLACE	145BF1001	DO NOT PLACE
R203	145BF4990	145BF4991	145BF4990	145BF4990	145BF4990
R238	145BF2002	145BF4991	145BF2002	145BF2002	145BF2002
C296	DO NOT PLACE	150DB221JA	DO NOT PLACE	DO NOT PLACE	DO NOT PLACE
R297	145BF33R2	145BF1210	145BF1000	145BF33R2	145BF33R2
EXP. DWG. NO.					
ORIG. USED IN					
SHURE BROTHERS INC.					
222 HARTREY AVENUE EVANSTON, IL 60202 PHONE 847 - 866-2200					
Microphones - Electronic Components					
TYPED GG 02/11/98					
CHECKED TM 2/18/98					
APPROVED					
APPROVED C.J.W 3/10/98					

*R-A1 AND R-B1 ARE GROUP INDICATORS FOR A AND B RESPECTIVELY. WHEN USED TOGETHER, THEY WILL INDICATE GROUP E.