

DESCRIPTION PRINTED CIRCUIT BOARD ASSEMBLY (U1 FAMILY)				DRWG. NO. 90-8691J-3	
REFER TO DRAWING NOS. 90-8691-11				SHEET NO. 2 OF 5 SHEETS	
				ORIG. ISSUED 6/24/96	
ITEM	P.P.NO.	QUAN.	DESCRIPTION		
BA	150DA104KB	5	CAPACITOR	50V 10%	.1 C102,103,209,234,241
BB	150DB270JA	10	CAPACITOR	100V 5%	27 pF C1,2,201,212,214, 218,231,242,243,249
BC	150DB331JA	1	CAPACITOR	100V 5%	330 pF C224
BD	150DF334KB	1	CAPACITOR	16V 10%	.33 C106
BE	150DB338BA	1	CAPACITOR	100V ± 0.1 pF	3.3 pF C244
BF	150DA473KB	2	CAPACITOR	50V 10%	.047 C211,229
BG	150DB478CA	1	CAPACITOR	100V ± 0.25 pF	4.7 pF C108
BH	150DB680JA	2	CAPACITOR	100V 5%	68 pF C238,258
BJ	151AD105KA	5	TANTALUM CAP.	16V	1 C208,213,219,221,222
BK	151AB107KD	3	TANTALUM CAP.	6.3V	100 C101,104,113
BL	151AB225MA	2	TANTALUM CAP.	6.3V	2.2 C210,233
BM	151AD475KB	3	TANTALUM CAP.	16V	4.7 C200,203,232
BN	152H02	1	TRIM CAPACITOR	7/50 pF	C239
BP	162A03	1	FERRITE BEAD		L202
BR	162A10	1	INDUCTOR	10%	0.12 µH L206
BS	162R10	2	INDUCTOR	10%	0.18 µH L201,203
BT	162B16	3	INDUCTOR	15%	33 µH L101,102,103
BV	162A17	1	LOW PASS FILTER		LP206
BW	170A07	1	HEADER		J200
BX	183A01	1	TRANSISTOR PNP, SOT-23 (MMBT5087)		Q203
BY	183A35	1	TRANSISTOR MOS FET (MDT3055EL)		Q101
BZ	183A38	1	TRANSISTOR NPN SOT-23 (MMBT5089L)		Q201
CA	184A08	1	SWITCHING DIODE (7000L)		U104
CB	187-10R	1	VOLTAGE CONTROLLED OSCILLATOR		U205 (NOTE 1)
CC	187-07	1	MICROWAVE ISOLATOR		U207 (NOTE 1)
CD	188A18	2	INTEGRATED CIRCUIT (33178)		U201,202
CE	188A126	1	INTEGRATED CIRCUIT		COMPANDOR (NE575) U203
CF	188A132	1	MICROCONTROLLER UNIT		U103
CG	188A134	1	PLL FREQUENCY SYNTHESIZER		U204
CH	188A131	1	FERROELECTRIC RAM		U101
CJ	150DA	2	CAPACITOR	50V 10%	(NOTE 1) C271,272
CK	145AJ000	1	RESISTOR	1/8W 5%	0 L104
NON-SMT COMPONENTS—SIDE 2					
DA	55A189	1	TOGGLE SWITCH (DPDT)		S103
DB	86C8419	1	LIGHT EMITTING DIODE (GREEN)		D102
DC	95A8413	1	RECEPTACLE (TINI QG 4-PIN MALE)		J2
16068					
ISS.	RECORD OF CHANGES MADE			EXP. DWG. NO.	
13	8/20/97			ORIG. USED IN 94-8314	
14	3/10/98			SHURE BROTHERS INC. 222 HARTREY AVENUE EVANSTON, IL 60202 PHONE 847 - 866-2200 <i>Microphones - Electronic Components</i>	
15	5/4/98				
16	6/18/98				
17	12/21/95				
				TYPED GG 08/06/97	
				CHECKED TM 08/15/97	
				APPROVED	
				APPROVED C.JW 8/20/97	