

PULL BOM FOR FULL PROPORTIONAL TRANSMITTER BOARD-AYB005B

PULL QTY		DATE NEEDED		PULL DATE	
P/N	DESCRIPTION	QTY	BOARD LOCATION	QTY IN BIN	QTY PULLED
B005B	PROPORTIONAL TRANSMITTER PC BRD	1			
C001	VARACITOR MV2105	1	VR1		
C005	10 PF CAPACITOR	1	C7		
C007	15 F CAPACITOR	2	C5, C6		
C010	39 PF CAPACITOR	2	C12, C15		
C011	47 PF CAPACITOR	2	C10, C14		
C012	56 PF CAPACITOR	1	C8		
C013	68 PF CAPACITOR	1	C18		
C014	100 PF CAPACITOR	1	C9		
C023	.01 UF CAPACITOR	3	C11, C17, C20		
C024	.1 UF CAPACITOR	2	C3, C4		
C025	ALUM ELECT RADIAL 1UF 100V CAPACITOR	1	C1		
C027	10 UF ELECTROLYTIC CAPACITOR	1	C2		
C032	4-30 PF TRIMMER CAPACITOR	2	C13, C19		
CN030	2 PIN MALE LOCK. RED MOLEX (see notes)	4	CON 5, CON 4, CON 6, CON 2		
CN036	8 PIN MALE LOCK. RED MOLEX (see notes)	1	CON 2		
CN034	5 PIN MALE LOCK. RED MOLEX (see notes)	1	CON 1		
CN038	10 PIN MALE LOCK. RED MOLEX (see notes)	1	CON 3		
CN073	10 PIN MALE BLACK (see notes)	1	CON 3		
CN075	12 PIN MALE BLACK (see notes)	1	CON 2		
CR001	6 VOLT ZENER DIODE 1N753A	2	CR4, CR2		
CR006	1N270 DIODE	2	CR5, CR6		
CR007	1N4007 DIODE	1	CR1		
H029	4-40 1/8 SWAG STAND OFF	3	H1, H2, H3		
L001	.56 UHY COIL (LAY DOWN)	1	L5		
L004	22 UHY COIL (LAY DOWN)	1	L6		
L005	5 TURN AIR COIL	2	L3, L4		
L010	TRANSMITTER COIL -2	1	L2		
L011	TRANSMITTER COIL -3	1	L1		
Q004	ZTX614 TRANSISTOR	1	Q3		
Q005	RF TRANSISTOR 2N5770	2	Q4, Q5		
Q006	SIGNAL PNP TRANSISTOR 2N3906	1	Q2		
Q007	TRANSISTOR 2N3417	1	Q1		
Q011	TRANSISTOR 2N3904	1	Q6		
R007	470 OHM RESISTOR	1	R14		
R008	330 OHM RESISTOR	1	R15		
R012	2K OHM RESISTOR	1	R16		
R013	3K OHM RESISTOR (LAYDOWN)	1	R5		
R015	5.1K OHM RESISTOR	1	R11		
R018	10K OHM RESISTOR (LAYDOWN)	1	R18		
R018	10K OHM RESISTOR	3	R12, R3, R20		
R019	15K OHM RESISTOR	1	R13		
R027	100K OHM RESISTOR (LAYDOWN)	1	R1		

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R027	100K OHM RESISTOR	3	R2, R19, R22		
R029	200K OHM RESISTOR	1	R4		
R032	10K 10 TURN POT RESISTOR	2	R6, R8		
R034	200K RESISTOR 1 POT	1	R9		
R035	100K RESISTOR 5 ELEMENT	1	RN2		
R040	100K RESISTOR 9 ELEMENT	3	RN1, RN4, RN5		
R049	20K OHM RESISTOR	1	R10		
R050	27 OHM RESISTOR	1	R17		
R057	1M OHM RESISTOR (LAY DOWN)	1	R7		
R061	10K RESISTOR 5 ELEMENT	1	RN3		
R064	43K2 1% (LAYDOWN)	1	R21		
R065	100K 1% (LAYDOWN)	1	R23		
S002	12 PIN DIP SWITCH	1	SW1		
U002	IC 5 VOLT (MC78L05CP)	1	U1		
U006	IC TRIPLE 3 INPUT "AND" (CD4073BCN)	1	U4		
U016	PROCESSOR (MC68HC705B5B)	1	U2		
X002	4 MHZ CRYSTAL	1	Y1		
X???	FREQUENCY DETERMINING CRYSTAL	1	Y2		

(NOTES)

REFERENCE

BRD. LOCATION (CONNECTORS)

CN030	2,4,5,6
CN036	2
CN034	1
CN038	3
CN073	3
CN075	2

CONNECTORS

DESCRIPTION

CON 1	POWER CONNECTOR
CON 2	MATRIX CONNECTOR
CON 3	FULL PROP. ANALOG
CON 4	ANTENNA
CON 5	BEEPER
CON 6	UPPER/LOWER CASE

Microtronics, Inc.
FCC ID: I7CMODELTX-BAT
Exhibit #: 48