

Bill Of Materials for WR-3700e Control Board

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DESCRIPTION	Shape	Qty	COMPONENT DESIGNATOR(S)
27p	0805	2	C1, C2
33p	0805	2	C101, C104
27n	0805	1	C13
39n	0805	1	C11
100n	0805	11	C3, C4, C7, C8, C12, C85, C95, C96, C97, C103, C105
1u	1206	2	C5, C10, C82
4.7u 16V	RB.06/.2	3	C87, C88, C89
22u 16V	RB.06/.2	2	C81, C83
100u 16V	RB.1/.2	1	C90
2200u 16V	AXIAL1.4	1	C86
BAT54A	SOT-23	1	D84
BZX84-C4V7	SOT-23	1	D1
1N4002	DIODE0.4	2	D82, D83
PWR JACK	DC JACK	1	J81
FEMALE DB9	DB9RA/F	1	J32
DA15F-HD	VGA15-FERR	1	J1
22uH	IND.6/.2	3	L81, L82, L95
6 hole bead	BEAD2	5	L51, L52, L53, L71, L72
ZERO-R	0805	4	LK1, LK2, LK81, LK82
SPEAKER	SIP2	1	PL1
BD140	TO-126	1	Q81
PHN210	S0-8	1	Q82
BC848	SOT-23	1	Q83
ZERO-R	0805	1	R71
33R	AXIAL0.4	2	R40, R44
100R	0805	10	R22, R23, R24, R25, R26, R27, R28, R29, R34, R112
390R 1%	0805	1	R9
680R	0805	3	R66, R67, R68
1k2	0805	18	R6, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R64, R65, R69, R70, R92, R93
1k5	0805	1	R81
4k7	0805	2	R11, R13
10k	0805	6	R2, R17, R18, R19, R20, R21
22k	0805	1	R97
47k	0805	5	R3, R4, R15, R16, R89
100k	0805	2	R30, R63
100k 1%	0805	1	R8
4M7	0805	1	R113
4M7	1206	1	R1
BLANK	JACK-LJE0361	1	SK1
RCA	RCA	1	SK52
415-91-232-4	RCVR3	1	SK51
DPDT	DPDT-PUSH	1	SW81
WM-0135	B-6TORIOD	1	T81
74HC04	S0-14	1	U86
MC68HC805B6	PLCCSMT52	1	U2
MC74AC74D	S0-14	1	U82

SN75C189AD	S0-14	1	U32
LM324M	S0-14	1	U3
DS1233DZ-10	S0T-223	1	U1
LM7805CT	T0-220	1	U84
MC14017BD	S0-16	1	U100
SN75188D	S0-14	1	U31
2.4576MHZ	HC49	1	Y2
3.6864MHZ	HC49	1	Y3

*** "Phantom" components *****

BLANK	CROSSHAIR	3	FID1, FID1, FID1
?	ETCHMARK	4	FID2, FID2, FID2, FID2
?	REGMARK1	4	FID3, FID3, FID3, FID3
TP	TP	7	TP1, TP2, TP3, TP4, TP5, TP6, TP7

*** Parts not fitted *****

CAP*	0805	1	C14
27p	0805	1	C100
47p	0805	2	C140, C141
120p*	0805	1	C84
330p	0805	1	C102
5n6	0805	2	C128, C133
8n2	0805	2	C125, C130
27n*	0805	1	C9
33n	0805	2	C127, C132
100n	0805	4	C6, C15, C142, C143
150n	0805	2	C126, C131
220n	1206	8	C124, C129, C134, C135, C136, C137, C138, C139
4u7 16V	RB.06/.2	2	C120, C121
47u 16V	RB.1/.25	2	C122, C144
100u 16V	RB.1/.25	1	C123
BZX84-C4V7	S0D-123	1	D2
LED	SIP2	1	D81
1A	FUSEHOLDER1	1	FS81
1A	FUSEHOLDER2	1	FS82
5V 178R	RELAY 14X9	1	K1
22uH*	1206	2	L41, L42
ZERO-R*	0805	13	LK31, LK32, LK33, LK34, LK35, LK36, LK37, LK38, LK39, LK40, LK41, LK42, LK43
ZERO-R*	0805/OLD	2	LK3, LK4
NPN-S0T23	S0T-23	1	Q100
MUN2114-T1	SC-59R	1	Q1
DNF*	AXIAL0.4	1	R41
RES*	0805	1	R38
2R7	0805	2	R134, R135
22R	AXIAL0.4	2	R136, R137
33R*	0805	3	R42, R43, R96
820R*	0805	2	R32, R33
1k	0805	1	R95
1k2	0805	1	R51
1k5*	0805	1	R100
2k2	0805	2	R121, R123
6k8	0805	1	R94
10k*	0805	4	R5, R7, R12, R111
20k	0805	2	R120, R122

22k*	0805	3	R98, R99, R110
33k*	0805	1	R35
47k*	0805	8	R10, R14, R124, R125, R126, R127, R128, R129
100k 1%*	0805	1	R31
220k	0805	4	R130, R131, R132, R133
470k*	0805	2	R36, R37
74HC74	S0-14	1	U6
NMC93C46M*	S0-8	1	U5
LM324*	S0-14	1	U4
LM833	S0-8	1	U104
LM1877M-9	S0L-14	1	U103
LM2941CT	T0220-5	1	U83
LM2991T*	T0220-5	1	U85
TEA6320T	S0L-32	1	U102