

T3-2092BOM_Mirror_Cooling_Board.xls

Find #	Quantity	Part Number	Description	Designator	Manufacturer	Value
1	2	C1206C103K5RACTU	Ceramic Chip Capacitor, 0.01uF, 50V, 10%, X7R	C1, C2	Kemet	0.01uF
2	4	C1206F105K5RACTU	Ceramic Chip Capacitor, 1uF, 50V, 10%, X7R	C3, C7, C11, C12	Kemet	1uF
3	3	ECJ-3YB1E106M	Ceramic Chip Capacitor, 10uF, 25V, 20%, X5R	C4, C8, C9	Panasonic	10uF
4	2	C1206C104K5RACTU	Ceramic Chip Capacitor, 0.1uF, 50V, 10%, X7R	C5, C6	Kemet	0.1uF
5	1	T491A106K010AT	CAP TANTALUM, 10UF, 10V, 10%	C10	Kemet	10uF
6	1	T491X476K035AT	CAP TANTALUM, 47UF, 35V, 10%	C13	Kemet	47uF
7	3	1SMA10CAT3G	TVS 400W 10V BIDIRECT SMA	D1, D3, D4	ON Semiconductor	10V
8	1	LM431ACM3X/NOPB	Adjustable Shunt Voltage Reference, 2%	D5	National Semiconductor	Adjustable
9	4	BG1101F-TR	LED, Green, Rt Angle, 1208 SMD	DS1, DS3, DS5, DS6	Stanley Electric Co.	Green
10	2	BR1101F-TR	LED, Red, Rt Angle, 1208 SMD	DS2, DS4	Stanley Electric Co.	Red
11	2	1804810	CONN TERM BLK HDR 7.62MM 4POS	J1, J2	Phoenix Contact	
12	1	5499922-3	Header, 16-Pin, Dual row, Straight, Latch, Shroud	J3	Tyco	
13	1	5499922-2	Header, 14-Pin, Dual row, Straight, Latch, Shroud	J4	Tyco	
14	3	OSSRD0004A	Relay SSR 250VAC 40A LED-TRIAC	K1, K2, K5	TT Electronics/Optek Technology	
15	1	KMS15-24	Power Supply, 24V, 0.625A	PS1	TDK-Lambda	
16	3	ZXMN10A07FTA	MOSFET N-CHANNEL 100V	Q1, Q2, Q5	Diodes/Zetex	
17	1	ZXMP10A13FTA	MOSFET P-CHANNEL 100V	Q3	Diodes/Zetex	
18	1	MMBT3904	NPN Switching Transistor	Q4	Fairchild Semiconductor	
19	7	ERJ-8ENF3652V	Thick Film Chip Resistor, 36.5k Ohm, 1% Tolerance, 1206 Size, 0.25 W	R1, R7, R8, R14, R15, R19, R24	Panasonic	36.5k
20	5	ERJ-8ENF2002V	Thick Film Chip Resistor, 20k Ohm, 1% Tolerance, 1206 Size, 0.25 W	R2, R9, R10, R29, R41	Panasonic	20k
21	18	ERJ-8ENF1002V	Thick Film Chip Resistor, 10k Ohm, 1% Tolerance, 1206 Size, 0.25 W	R26, R27, R28, R31, R35, R39, R40, R45, R46, R47	Panasonic	10k
22	4	ERJ-8ENF1000V	Thick Film Chip Resistor, 100 Ohm, 1% Tolerance, 1206 Size, 0.25 W	R4, R5, R21, R22	Panasonic	100
23	4	ERJ-8ENF2001V	Thick Film Chip Resistor, 2k Ohm, 1% Tolerance, 1206 Size, 0.25 W	R13, R25, R33, R44	Panasonic	2k
24	5	ERJ-8ENF7681V	Thick Film Chip Resistor, 7.68k Ohm, 1% Tolerance, 1206 Size, 0.25 W	R18, R30, R32, R34, R38	Panasonic	7.68k
25	2	ERJ-8GEY0R00V	Thick Film Chip Resistor, 0 Ohm, 1206 Size, 0.25 W	R36, R43	Panasonic	0
26	1	5007	White, Compact Test Point, Thru Hole, Loop	TP1	Keystone	White
27	1	5008	Orange, Compact Test Point, Thru Hole, Loop	TP2	Keystone	Orange

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28	1	5005	Red, Compact Test Point, Thru Hole, Loop	TP3	Keystone	Red
29	1	5006	Black, Compact Test Point, Thru Hole, Loop	TP4	Keystone	Black
30	1	CD4541BM96	Programmable Timer	U1	STMicroelectronics	
31	1	OPA4277UA	QUAD PRECISION OPAMP 14-SOIC	U2	Texas Instruments	
32	1	L7805CD2T-TR	5V, 1.5 A Linear Regulator	U3	STMicroelectronics	