

Comment	Description	Value	Designator	Quantity
	CAP 220uf 16V 10% M403 (1408 Metric) Thickness Term SMD	220uf		
220uf 16V 0603	CAP 220uf 16V ±20% M403 (1408 Metric) Thickness Term SMD	220uf	C1, C11, C12, C13	4
100uf 16V 0603	CAP 100uf 16V ±10% M403 (1408 Metric) Thickness Term SMD	100uf	C2, C3, C4, C5, C6, C8, C9, C14, C19	9
1uf 25V 0603	CAP 100uf 16V ±20% M403 (1408 Metric) Thickness Term SMD	1uf	C7, C10	2
CAP 100uf 16V 0603(1408)	CAP 100uf 16V ±20% M403 (1408 Metric) Thickness Term SMD	100uf	C15, C16, C17, C18	4
	Electrolytic Capacitor SMD Type	47uf	C20, C21, C24, C25	4
0111K1E4109	CAP 100uf 16V ±20% M403 (1408 Metric) Thickness Term SMD	100uf	C22	1
CAP 100uf 16V 0603	CAP 100uf 16V ±10% M403 (1408 Metric) Thickness Term SMD	100uf	C23	1
1uf 10V 0603	CAP 2.2uf 16V ±10% M403 (1408 Metric) Thickness Term SMD	1uf	C26, C27	2
2.2uf 16V 0603	WTE 184T 0603(1408), 1.1mm Thickness, Green	2.2uf	D51, D52, D53, D54	4
BP-1408MAGC	SMD Shuntload Power Indicator WE-FG, L = 10.0 mm			
744777910	Connector Header Through Hole 2 pin/0.1mm		J1, L2	2
Header M20- 999C345	Connector Header Through Hole 32 pin/0.1mm		J2	1
Header M20- 999C345	Header M20- 999C345			
39-30-0040	Micro Fit 3.0 Right Angle Header, Dual Row, 15 Contacts, with Snap on Plastic Pig PCB Lock, 9A	39-30-0040	P3, P9	2
Microx 430451000	Micro Fit 3.0 Right Angle Header, 2.0mm Pitch, Dual Row, 6 Contacts, with Snap on Plastic Pig PCB Lock, 9A, Glue Wire Capable, Black		P6	1
Microx 430451000	Micro Fit 3.0 Right Angle Header, 2.0mm Pitch, Dual Row, 8 Contacts, with Snap on Plastic Pig PCB Lock, 9A, Glue Wire Capable, Black		P5, P6, P8	3
Header M20- 999C345	Connector Header Through Hole 3 pin/0.1mm		J3	1
Microx 430451000	Micro Fit 3.0 Right Angle Header, 2.0mm Pitch, Dual Row, 8 Contacts, with Snap on Plastic Pig PCB Lock, 9A, Glue Wire Capable, Black		P10	1
Microx 39-30-0050	Micro Fit 3.0 Right Angle Header, Dual Row, 15 Contacts, with Snap on Plastic Pig PCB Lock, 9A	39-30-0050	P11	1
M20-999C46	8 Pin, Micro Fit Vertical Throughboard Conn.		P12, P13	2
04MKS020LVLT	20V 8 PIN CHANNEL ENHANCEMENT MODE MOSFET		S1, Q2	2
001C001UNCL	16-channel 20V 100k Ohm		S3	1
04MKS020LVLT	20V 8 PIN CHANNEL ENHANCEMENT MODE MOSFET		S4, C5	2
120W 1% 0603	120W 0.1W 1% 0603 (1408 Metric) SMD	120W	R1	1
100K 1% 0603	100K 0.1W 1% 0603 (1408 Metric) SMD	100000.00 Ohm	R2, R3, R5	3
10K 1% 0603	10K 0.1W 1% 0603 (1408 Metric) SMD	10000.00 Ohm	R4, R6, R7, R31	4
10K 1% 0603	10K 0.1W 1% 0603 (1408 Metric) SMD	10000.00 Ohm	R8, R14	2
10K 1% 0603	10K 0.1W 1% 0603 (1408 Metric) SMD	10000.00 Ohm	R9, R15	2
10K 1% 0603	10K 0.1W 1% 0603 (1408 Metric) SMD	10000.00 Ohm	R10, R16	2
10K 1% 0603	10K 0.1W 1% 0603 (1408 Metric) SMD	10000.00 Ohm	R11, R12, R13, R17, R18, R19	5
1K 0% 0603	1K 0.1W 1% 0603 (1408 Metric) SMD	1000.00 Ohm	R20, R21, R22	3
220W 1% 0603(1408)	220W 0.1W 1% 0603 (1408 Metric) SMD	220.00 Ohm	R23, R24, R25, R26	4
04mpw 0603(1408 Metric)	Samper 0603 (1408 Metric)	0.00 Ohm	R27	1
0.01W 5% 1/4W 0603	100mOhm 0.5% ±20W, 1/4W Chip Resistor, 0603 (2012 Metric) Current Sense New Film	0.01 Ohms	R28	1
50K 1% 0603	50K 0.1W 1% 0603 (1408 Metric) SMD	50000.00 Ohm	R29	1
0.1W 1% 0603	0.1W 0.1W 1% 0603 (1408 Metric) SMD	0.1W	R30	1
20K 1% 0603	20K 0.1W 1% 0603 (1408 Metric) SMD	20K	R32	1
3K2 1% 0603	3K2 0.1W 1% 0603 (1408 Metric) SMD	3200.00 Ohm	R33	1
100W 1% 0603	100K 0.1W 1% 0603 (1408 Metric) SMD	100000.00 Ohm	R34	1
10W 1% 0603	10K 0.1W 1% 0603 (1408 Metric) SMD	10000.00 Ohm	R35	1
01M0M	Open test pad		D1, D2, D3, D4	4
	1.3 V Cap Tantalum, 17 nA 40 to 85 degC, 8- pin SMD (D) 5-8pin			
TS-0404040231- 0404-2-8	1.2A Guard MOSFET Driver, AND, Commercial Temperature		J1	1
IC44MB0CE	Op Amp MOSFET Driver, AND, Commercial Temperature		J2, J4	2
	Op Amp MOSFET Driver, AND, Commercial Temperature			
LMC701AARX5	Op Amp MOSFET Driver, AND, Commercial Temperature		J3	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J5	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J6	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J7	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J8	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J9	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J10	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J11	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J12	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J13	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J14	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J15	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J16	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J17	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J18	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J19	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J20	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J21	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J22	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J23	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J24	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J25	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J26	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J27	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J28	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J29	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J30	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J31	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J32	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J33	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J34	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J35	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J36	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J37	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J38	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J39	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J40	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J41	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J42	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J43	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J44	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J45	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J46	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J47	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J48	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J49	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J50	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J51	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J52	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J53	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J54	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J55	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J56	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J57	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J58	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J59	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J60	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J61	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J62	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J63	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J64	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J65	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J66	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J67	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J68	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J69	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J70	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J71	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J72	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J73	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J74	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J75	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J76	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J77	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J78	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J79	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J80	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J81	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J82	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J83	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J84	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J85	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J86	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J87	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J88	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J89	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J90	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J91	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J92	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J93	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J94	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J95	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J96	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J97	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J98	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J99	1
01M12F 1028B to	Op Amp MOSFET Driver, AND, Commercial Temperature		J100	1