

Comment	Description	Designator
0.01 uF	Multilayer Ceramic Capacitors MLCC - SMD/SMT WCAP-CSGP 0	C2, C3, C5, C6, C9, C10, C12, C14, C17, C18, C21, C22, C25, C26, C30, C31, C33, C7, C15, C19
4.7uF	Multilayer Ceramic Capacitors MLCC - SMD/SMT 4.7uF 6.3V X5	C11, C13, C34
1uF	Ceramic Capacitors	C23, C28, C29, C32, C35, C36
10v	ESD Suppressors / TVS Diodes 600W 10.0V	D2, D3, D4
MICROSMD005F	Resettable Fuses - PPTC .05A 30V 10A IMAX	F1, F2, F3
120 ohm, 100M	Ferrite Beads MULTILAYER CHIP BEAD Z=120 OHM@100MHz 2	L1
FDV305N	MOSFET 20V N-Channel PowerTrench	Q1, Q2, Q3
1K	Thick Film Resistors - SMD 1/10Watt 1Kohms 1% Commercial U	R1, R2, R7, R8, R12, R14, R18, R20, R24, R25, R28, R29, R36, R37
10K	Thick Film Resistors - SMD 0603 10Kohms 1% Anti-Sulfur AEC-	R3, R9, R15, R21, R27, R30
10K 0603 1%	Thick Film Resistors - SMD 10K OHM 1%	R5, R6
7.5K	Thick Film Resistors - SMD 7.5K OHM 1%	R10, R16, R22
523ohm 0603 1	Thick Film Resistors - SMD 523 OHM 1%	R11, R17, R23
2.49K	Thick Film Resistors - SMD 2.49K OHM 1%	R13, R19, R26
0 ohm	Thick Film Resistors - SMD 1/10Watt 0ohms Commercial Use	R31, R34, R35
1M	Thick Film Resistors - SMD 1M OHM 1%	R32, R33
IP4220CZ6F	ESD Suppressors / TVS Diodes IP4220CZ6/SC-74/REEL 13" Q1/T	U2, U4, U6
MCP9808T	Board Mount Temperature Sensors Silicon temp sensor with I2C	U3
AD71994	Analog to Digital Converters - ADC 8CH Ultra Low Noise 24Bit w	U5
MCP6001T-I/OT	Operational Amplifiers - Op Amps Single 1.8V 1MHz	U7
AD1582BRTZ	Voltage References 2.5V MICROPOWER REF IC	VR2

LibRef	Quantity	Supplier Unit Price	Supplier Subtotal
885012206089	20	0.032	0.64
JMK107BJ475KA-T	3	0.114	0.342
885012206052	6	0.131	0.786
SMBJ10A-13-F	3	0.358	1.074
MICROSMD005F-2	3	0.384	1.152
2506031217Z0	1	0.032	0.032
FDV305N	3	0.41	1.23
CRCW06031K00FKEAC	14	0.024	0.336
SFR03EZPF1002	6	0.087	0.522
RC0603FR-0710KL	2	0.087	0.174
RC0603FR-077K5L	3	0.087	0.261
RC0603FR-07523RL	3	0.087	0.261
RC0603FR-072K49L	3	0.087	0.261
CRCW06030000Z0EAC	3	0.087	0.261
RC0603FR-071ML	2	0.087	0.174
IP4220CZ6F	3	0.349	1.047
MCP9808T-E/MS	1	1.01	1.01
AD7194BCPZ	1	13.48	13.48
MCP6001T-I/OT	1	0.21	0.21
AD1582BRTZ-REEL7	1	1.97	1.97

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