



























Comment	Description	Designator	Footprint	LibRef	Quantity
	Aluminum	•			
100 uF 50V	Electrolytic Capacitor, 100 uF, +/- 20%, 50 V, -55 to 105 degC, 2-Pin SMD, RoHS, Tape and Reel	C1, C2, C6, C7, C8, C9	NIC- UWT1H101MNL1GS_L	CMP-2000-07373-1	6
CC0805KKX7R6BB105	CAP CER 1UF 10V X7R 0805	C3, C4	FP-CC0805-0_85-MFG	CMP-03422-000182-1	2
1000uF SMD	CAP ALUM 1000UF 20% 50V SMD	C5	FP-FK-J16-MFG	CMP-05427-000011-1	1
Screw Terminal Block 2 Position		E1PH1, E1PH2, E2PH1, E2PH2, JPWM1, JPWM2, JPWM3, JPWM3, JPWM4, SWNN, MC1, MC2, MC3, MC4, MC5, MC6, POW24V, QJ1_MD1, QJ1_MD2, QJ1_MD3, QJ1_MD4, QJ1_MD5, QJ1_MD6, QJ1_MD6, QJ1_MD6, QJ1_MD6, QJ1_MD6, QJ1_MD6, QJ1_MD6, QJ1_MD1, QJ1_MD12	TECO-282836-2_V	CMP-002-00072-1	29
B3B-XH-A(LF)(SN)	CONN HEADER VERT 3POS 2.5MM	J1, J2, J3, J4, J5, J6	FP-B3B-XH-A_LF_SN- MFG	CMP-17439-000014-2	6
150080SS75000	SMD mono-color Chip LED, WL-SMCW, Super Red	L3V3, L5V, L24V, LSVIN	0805_A	CMP-1426-00010-1	4
Header 3X2	Header, 3-Pin, Dual row	P1, P2	HDR2X3	Header 3X2	2
Header 3	Header, 3-Pin	P3, P4	HDR1X3	Header 3	2
M3 Pad	Through-hole pad for M3 bolts	PAD1, PAD2, PAD3, PAD4	M3 Pad-Footprint-1	CMP-000005-2	4
IRL520	Hexfet 9.2A 100V TO- 220 50PCS/TUBE	Q1_MD1, Q1_MD2, Q1_MD3, Q1_MD4, Q1_MD5, Q1_MD6, Q1_MD7, Q1_MD8, Q1_MD9, Q1_MD10, Q1_MD11, Q1_MD12	IRL520-Footprint-1	CMP-013-00034-2	12
CRCW08050000Z0EA		OR1_MD1, OR1_MD2, OR1_MD3, OR1_MD4, OR1_MD5, OR1_MD6, OR1_MD7, OR1_MD8, OR1_MD9, OR1_MD10, OR1_MD11, OR2_MD11, OR2_MD2, OR2_MD3, OR2_MD6, OR2_MD5, OR2_MD8, OR2_MD9, OR2_MD1010, OR2_MD1010, OR2_MD1010, OR2_MD17, OR2_MD8, OR2_MD17, OR2_MD8, OR2_MD17, OR2_MD8, OR2_MD11, OR2_MD11, OR2_MD11, OR2_MD12, R1, R3, R7, R8, R9, R10	RESC2013X50X30LL20 T20	CMP-2001-04896-1	30
CAT16-103J4LF	CAT / CAY 16 Series - Chip Resistor Array, 10 KOhm, +/- 5%, 50 V, -55 to 125 degC, 8- Pin SMD, RoHS, Tape and Reel	R11, R12, R13, R14	BOUR-CAT16- 103J4LF_L	CMP-2000-06067-1	4
Teensy 4.1	RT1062 Teensy 4.1 i.MX ARM® Cortex®-M7 MPU Embedded Evaluation Board	U1	DEV-16771	CMP-024-0000-4	1
A4988 Motor Driver	A, 16-Pin THD	U2, U3	Polo-A4988 Motor Driver_V	CMP-00024-00002-1	2
SN74HCT245DWR	IC TXRX NON-INVERT 5.5V 20SOIC	U4, U5	FP-DW0020A-MFG	CMP-1620-00207-3	2