

Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF	Chip Multilayer Ceramic Capacitors for General Purpose, 0201, 0.10uF, X5R, 15%, 10%, 6.3V	C1	FP-GRM033-0_03-MFG	CMP-06035-000062-2	1
0.1uF 16V	CAP CER0.1UF 16V X7R0402	C2, C3, C?	FP-GRM15-MFG	CMP-2100-03641-2	3
100uF	CAP CER100UF 6.3V X5R1210	C_in	FP-GRM32-0_3-MFG	CMP-2000-05259-2	1
68uF	Multilayer Ceramic Capacitors 68uF ±20% 10V X5R SMD 2220	C_out	FP-C5750-230-0_4-IPC_C	CMP-08246-004950-1	1
10nF	Chip Multilayer Ceramic Capacitors for General Purpose, 0402, 10000pF, X7R, 15%, 10%, 50V	Cb	FP-GRM155-0_05-IPC_C	CMP-2008-04637-5	1
Male Header		Conn_IN	61300811121	CMP-1502-01076-3	1
Male Headers		Conn_OUT, Header	61300811121	CMP-1502-01076-3	2
S_Diode	DIODE SCHOTTKY 20V 1A SMA	D1	FP-SMA-MFG	CMP-12790-000051-1	1
Debug_LED	WURTH ELEKTRONIK-150060VS75000 - LED, Green, SMD, 0603, 30 mA, 2 V, 570 nm	D1, D2, D?	WL-SMCW_0603_150060x75000	CMP-1426-00006-7	3
0154004.DR	FUSE BRD MNT 4A 125VAC/VDC 2SMD	FUSE	FP-0154-MFG	CMP-08605-000003-1	1
694108301002		J?	694108301002	CMP-1502-00190-3	1
47uH	Commercial Inductors, Low DCR Series 47uH 3.3A 145mΩ 20%	L1	FP-IHLP-4040DZ-FP_3_124x3-MFG	CMP-02424-000224-1	1
DRV8830DGQR	7-V, 1-A H-bridge motor driver with speed regulation and I2C control	Motor Driver	*IC_XTR111AIDGQR	DRV8830DGQR	1
10K	Chip Resistor, 10 KΩ, +/- 1%, 0.1 W, -55 to 155 degC, 0402 (1005 Metric), RoHS, Tape and Reel	R1, R5, R6, R108, R?	RESC1005X40X25LL05T05	CMP-2000-07588-1	8
100Ohm	Chip Resistor, 100 Ohm, +/- 1%, 100 mW, -55 to 155 degC, 0402 (1005 Metric), RoHS, Tape and Reel	R2	RESC1005X40X25LL05T05	CMP-2002-00605-3	1
1K		R3, R4, R5	RESC1608X55X30LL15T15	CMP-2000-00180-1	3
0.22Ohm	RES 0.22 OHM 1% 1W 2512	R_SENSE	FP-ERJ1TR-MFG	CMP-05422-000060-1	1
FSM2.SMAA	SWITCH TACTILE SPST-NO 0.05A 24V	SWitch	FP-FSM2.SMAA-MFG	CMP-03402-000003-1	1
LM2675MX-3.3/NOPB	IC REG BUCK 3.3V 1A 8SOIC	Switching Voltage Regulator	FP-D0008A-IPC_B	CMP-04918-000266-1	1
PIC18F27Q10T-I/ML	PIC18F27Q10T-I/ML 8-bit PIC MCU, 128 KB, 3615 Bytes, 64 MHz, 1.8 to 5.5V, QFN-28, RoHS	U?	FP-C04-105-MFG	CMP-00252-96705243-1	1