









Comment	Description	Designator	Footprint	LibRef	Quantity
100nF, 50V	Capacitor	C1	CAP_RADIAL_2.54	Capacitor	1
10 nF, 50 VDC	CAP, size 0805, 10 nF, 50 VDC	C2	CAP_0805	0108051031050	1
100uF, 50V	V-Chip, D8 x H10.5mm, 100uF, 50V	C3	WCAP-ASLI_D8H10.5	865080653016	1
100 nF, 50 VDC	CAP, size 0603, 100 nF, 50 VDC	C4, C6	CAP_0603	0106031041050	2
10 uF, 10 VDC	CAP, size 0603, 10 uF, 10 VDC	C5, C7	CAP_0603	0106031061010	2
33nF, 50V	Capacitor	C8, C9	CAP_RADIAL_2.54	Capacitor	2
5A 40V	SS54 SMC Diode Schottky 5A 40V	D1	DO-214AB, SMC	Diode_Schottky	1
Blue, 3.2V	WL-SMCW SMT Mono color Chip LED Waterclear, size 0603, Blue, 3.2V, 140deg	D2, D3	WL- SMCW_0603_H=0.7m m	160603BlueClear	2
16V, 2.5A	Resettable Fuse, Size 1812, 16V, 2.5A	F1	Fuse_SMD_1812	061812250016	1
Hole	Hole	H1, H2, H3, H4	Hole_3.2mm	Hole	4
HDR_Terminal	HDR_Terminal 2 pin	P1, P3	KF-5.08-2-R	HDR_Terminal	2
HDR_Terminal	HDR_Terminal 2 pin	P2, P4	HDR_HEADER_2.0_HO RIZONTAL	HDR_Terminal	2
2A, 125V(AC)	WR-WTB SMT Male Horizontal Shrouded Header, pitch 2mm, 3p	P5, P6, P7	620103131822	620103131822	3
Mosfet_N_channel	Mosfet_N_Channel	Q1, Q2, Q3	MOSFET_N_SOT23-3	Mosfet_N_channel	3
10 KOhm, 1/4 W	RES, size 0603, 10 KOhm, 1/4 W	R1, R2, R3, R4, R5, R6, R9, R10	resistor_0603	0006031031	8
NET_TIE	Straight Net Tie	T1, T2, T3	NET_TIE_2.0mm	NET_TIE	3
Test_Point	Test_Point	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9	TP_1_5mm_SMD	Test_Point	9
TLE8209	SPI Programmable H- Bridge, Automotive Application for Motor Control, Throttle Control,		TLE8209_2E_PG-DSO- 20-71	TLE8209	1