



Comment	Description	Designator	Footprint	LibRef	Quantity
LS_DriverV1.1	10A capable Low side Switch in an 8dip	*1	LS_DriverV1.1	CMP-001-0000-1	1
.1u	CAP CER 1UF 50V Y5V RADIAL	C1, C2, C5, C6	FP-K105Z20Y5VF5TL2-MFG	CMP-02417-000003-1	4
10u	Aluminum Electrolytic Capacitor, 10 uF, +/- 20%, 50 V, -40 to 85 degC, 2-Pin THD, RoHS, Bulk	C3, C4	CAPPR55-200-1100X500X1200	CMP-1665-00038-2	2
SBR1045SD1-T	Diode	D1	DO-201AD	SBR1045SD1-T	1
1N4148TA	DIODE GEN PURP 100V 200MA DO35	D2, D3, D4, D5	FP-017AG-MFG	CMP-07163-000009-1	4
BIHGGG_DEVICE	BiggLCD	FUCKINGBIGLCD	BIHGGG_FOOTPRINT	BIHGGG_DEVICE	1
SignalBufferV1	Signal Buffer Board	IC1	DIP18	SignalBufferV1-7	1
MCP2562FD-E_P	Integrated Circuit	IC2	DIP781W56P254L950 H533Q8N	MCP2562FD-E_P	1
615006141121	Modular Jack WR-MJ, Tab Down, Plastic, Horizontal Entry, THT, 6P6C	J1	615006141121	CMP-1502-01674-1	1
106	Connector	J2	106_1	106	1
185904-2	Connector	J3	1859042	185904-2	1
2N3904	General Purpose Transistor, NPN Silicon, 200 mA, 60 V, -55 to 150 degC, 3-Pin TO-92, RoHS, Bulk	Q1, Q3	ONSC-TO-92-3-29-11	CMP-2000-05562-1	2
BC337	Amplifier Transistor, NPN Silicon, 3-Pin TO-92, Bulk Box	Q2	ONSC-TO-92-3-29-11	CMP-1048-01458-1	1
MFR-25FBF52-1K	Axial Resistor, 1 KOhm, +/- 1%, 250 mW, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	R1, R15, R16	RESA60-630X240	CMP-009-00048-4	3
MFR-25FBF52-10K	Axial Resistor, 10 KOhm, +/- 1%, 0.25 W, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	R2, R4, R11, R14	RESA60-630X240	CMP-009-00047-4	4
1K	Axial Resistor, 1 KOhm, +/- 1%, 250 mW, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	R3	RESA60-630X240	CMP-1659-00075-1	1
MFR-25FBF52-2K21	Axial Resistor, 2.21 KOhm, +/- 1%, 0.25 W, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	R5, R6, R10, R13	RESA60-630X240	CMP-009-00054-4	4
MFR-25FBF52-221R	Axial Resistor, 221 Ohm, +/- 1%, 250 mW, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	R7	RESA60-630X240	CMP-009-00051-4	1
MFR-25FBF52-475R	Axial Resistor, 475 Ohm, +/- 1%, 0.25 W, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	R8	RESA60-630X240	CMP-009-00056-4	1
MFR-25FBF52-22K1	Axial Resistor, 22.1 KOhm, +/- 1%, 0.25 W, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	R9	RESA60-630X240	CMP-009-00052-4	1
MFR-25FBF52-4K75	Axial Resistor, 4.75 KOhm, +/- 1%, 0.25 W, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	R12	RESA60-630X240	CMP-009-00059-4	1
LM7805CT	Positive Voltage Regulator, 5 V, 1 A, -40 to 125 degC, 3-Pin TO-220, RoHS, Tube	U1	FAIR-TO-220-3	CMP-2000-04938-1	1
PIC18F2620-I/SP	Enhanced Flash Microcontroller with 10-Bit A/D and nanoWatt Technology, 64K Flash, 28-Pin PDIP, Industrial Temperature Range	U2	SPDIP300-SP28	CMP-0116-00068-1	1
SLW4R-1C7LF	4 Position FFC, FPC Connector Contacts, Bottom 0.039 (1.00mm) Through Hole, Right Angle	U3	FCL_SLW4R-1C7LF	SLW4R-1C7LF	1
TEENSY_3.5/3.6		US1	TEENSY_3.5/3.6	TEENSY_3.5/3.6	1
T73YE103KT20	Variable Resistor	VR1	T73YE103KT20	T73YE103KT20	1