

Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF	CAP_0603	C0, C4, C7, C8	0603_CAP	CAP_0603	4
4.7uF	Chip Capacitor	C1, C2, C17, C21	0805_CAP	CAP_SMD	4
10uF	Chip Capacitor	C3, C5	0805_CAP	CAP_SMD	2
0.01uF	CAP_0603	C6	0603_CAP	CAP_0603	1
2.2uF	CAP_0603	C15	0603_CAP	CAP_0603	1
470pF	CAP_0603	C16	0603_CAP	CAP_0603	1
220uF	CAP TANT 220UF 6.3V 20% 1411	C18	CAPMP3528X21N	T520B227M006ATE070	1
680pF	CAP_0603	C19	0603_CAP	CAP_0603	1
47uF	CAP TANT 47UF 16V 10% 2312	C20	CAPMP6032X28N	TR3C476K016C0300	1
CAP_0805	CAP_0805	C99, C100	CAP_0805	CAP_0805	2
		D1, D2, D3, D4, D5	0603_LED	LED_SMD	5
D Schottky	Schottky Diode	D6	SMB	D Schottky	1
RB496EA	Schottky barrier diode, 400mV @ 1A	D7	SOT23-5	RB496EA	1
FB_SMD		FB0	0603_IND	FB_SMD	1
JST2, through-hole		H1	JST B2B-PH-KL	JST2, through-hole	1
RS232		H2	JST SHR-3V-S	JST3	1
I2C		H3, H6	JST SHR-3V-S	JST3	2
V5		H4	JST SHR-2V-S	JST2	1
JST2, SMA		H5, H7	JST SHR-2V-S	JST2, SMA	2
0481900001	USB On-The-Go (OTG) Mini-B Receptacle, Right Angle, SMT, 0.80mm (.031") Pitch, Solder Tabs with Back Cover, Recessed Type	J1	481900001	0481900001	1
10uH	INDUCTOR 10UH 3A 20% SMD	L0, L1	INDP6060X45L	NR6045T100M	2
MHDR1X2	Header, 2-Pin	P0	MHDR1X2	MHDR1X2	1
PJ-014D	Power jack, 4.2mm OD, 1.3mm ID, through-hole	P2	PJ-014D	PJ-014D	1
IRLML6402	HEXFET Power MOSFET	Q1	Micro3_N	IRLML6401	1
1k		R0	0603_RES	RES_SMD	1
110k		R1	0603_RES	RES_SMD	1
330k		R2	0603_RES	RES_SMD	1
100K		R6, RP3	0603_RES	RES_SMD	2
309K		R7	0603_RES	RES_SMD	1
47K		R8	0603_RES	RES_SMD	1
10K		R9, RPEN, RTH	0603_RES	RES_SMD	3
1M		R98	0603_RES	RES_SMD	1
100k	Resistor array, 4-wyay, SMD	RA0	RESCAX80P320X150X 60-8N	RES_ARR4	1
470R		RL1, RL2, RL3	0603_RES	RES_SMD	3
2K		RP1	0603_RES	RES_SMD	1
270R		RRX, RTX	0603_RES	RES_SMD	2
SJ	Solder Joint	SJ1, SJ2	0603_SJ	SJ	2
FT232R	FT232R	U0	SOP65P780X200-28N	FT232R	1
MCP73871-2CCI/ML		U1	MCP73871-2CCI/ML	MCP73871-2CCI/ML	1
MCP3021		U2	SOT23-5	MCP3021	1
ACS711		U3	SOP127P600X175-8M	ACS711	1
MAX17043	Compact, Low-Cost 1S/2S Fuel Gauges with Low-Battery Alert	U4	QFN50P300X200X80-8N	MAX17043	1
MIC5205-3.3BM5	Micrter MIC5205 LDO Voltage Regulator	U5	SOT95P280X130-5N	MIC5205	1
LT1308A	High Current, Micropower	U6	SOP127P600X175-8N	LT1308	1