

Name	Description	Designator	Quantity	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1
47nF	C0603C473K4 RECAUTO	C1	1	KEMET	C0603C473K4RECAUTO	Arrow Electronics	C0603C473K4RECAUTO	0.0028
10uF	CL10A106KQ8 NNNC	C2, C4	2	Samsung	CL10A106KQ8NNNC	DigiKey	1276-1038-1-ND	0.024
2.2uF	CL10A225KQ8 NNNC	C3, C5	2	Samsung	CL10A225KQ8NNNC	DigiKey	1276-1040-1-ND	0.011
1uF	CL10A105KQ8 NNNC	C6, C7, C8	3	Samsung	CL10A105KQ8NNNC	Digikey	1276-1034-1-ND	0.005
220nF	Capacitor C0603C224K4 RECAUTO	C9	1	KEMET	C0603C224K4RECAUTO	Arrow Electronics	C0603C224K4RECAUTO	0.0393
0.1uF	Capacitor C0603C104K3 RACTU	C10	1	KEMET	C0603C104K3RACTU	Arrow Electronics	C0603C104K3RACTU	0.008
FIDUCIAL	FIDUCIAL	FM1, FM2, FM3	3					
BQ25302 RTER	Integrated Circuit	IC1	1	Texas Instruments	BQ25302RTER	Mouser	595-BQ25302RTER	1.62
NCP718B SN500T1 G	Integrated Circuit	IC2	1	onsemi	NCP718BSN500T1G	Arrow Electronics	NCP718BSN500T1G	0.2014
ATTINY1616-MNR	Integrated Circuit ATTINY1616-MNR	IC3	1	Microchip	ATTINY1616-MNR	Digikey	ATTINY1616-MNRCT-ND	0.9
USB_Type_C	USB-C (USB TYPE-C) Receptacle Connector 24 (6+18 Dummy) Position Surface Mount, Right Angle	J1	1	Amphenol Communications Solutions	10174819-00011LF	Digikey	609-10174819-00011LFCT-ND	0.34
JST_XH_2_PIN	Connector	J2	1					
JST_XH_4_PIN	Connector	J3	1	JST	B4BXHALFSN	Mouser	306-B4BXHALFSN	0.17
2*3 PIN	Connector	J4	1	Harwin	M20-9980346	Digikey	952-2121-ND	0.24
1uH	CIGT201610LH1ROMNE	L1	1	Samsung	CIGT201610LH1ROMNE	Digikey	1276-6910-1-ND	0.14
LED GREEN DIFFUSE D 0603 SMD	LED GREEN DIFFUSED 0603 SMD	LED1, LED2, LED3	3	Inolux	B1931NG--20D001114U1930	Digikey	3147-B1931NG--20D001114U1930CT-ND	
5.1k	Resistor RC0603FR-075K1L	R1, R3	2	Yageo Group	RC0603FR-075K1L	Digikey	311-5.10KHRCT-ND	0.009
100	Resistor ERJ-3EKF1000V	R2, R5, R16	3	Panasonic	ERJ-3EKF1000V	Mouser	667-ERJ-3EKF1000V	0.03
10k	RK73H1JTTD1002F	R4, R6	2	KOA Speer	RK73H1JTTD1002F	Digikey	2019-RK73H1JTTD1002FCT-ND	0.026
40.2k	RMCF0805FT40K2	R7	1	Stackpole Electronics	RMCF0805FT40K2	Digikey	RMCF0805FT40K2CT-ND	0.025
4.7k	Resistor RC0603FR-074K7L	R8, R9, R10, R11	4	Yageo Group	RC0603FR-074K7L	Future Electronics	5489695	0.0008
1k	RMCF0603FT1K00	R12, R13	2	Stackpole Electronics	RMCF0603FT1K00	Digikey	RMCF0603FT1K00CT-ND	0.02
STC3115 AIQT	STC3115AIQT Fuel Gauge IC	U1	1	STMicroelectronics	STC3115AIQT	Arrow Electronics	STC3115AIQT	1.11