Comment	Description	Designator	Footprint	LibRef	Quantity
100n	Capacitor	C1	CAPC1608N	Cap	1
100n	Capacitor	C2	CAPC1608N	Cap	1
100n	Capacitor	C3	CAPC1608N	Cap	1
100n	Capacitor	C4	CAPC1608N	Cap	1
100n	Capacitor	C5	CAPC1608N	Cap	1
100n	Capacitor	C6	CAPC1608N	Cap	1
20p	Capacitor	C7	CAPC1608N	Cap	1
20p	Capacitor	C8	CAPC1608N	Cap	1
6.3V	Capacitor	C9	CAPC2012N	Cap	1
6.3V	Capacitor	C10	CAPC1608N	Cap	1
6.3V	Capacitor	C11	CAPC2012N	Cap	1
6.3V	Capacitor	C12	CAPC2012N	Cap	1
6.3V	Capacitor	C13	CAPC2012N	Cap	1
6.3V	Capacitor	C14	CAPC1608N	Cap	1
6.3V	Capacitor	C15	CAPC1608N	Cap	1
Green LED	Typical INFRARED GaAs LED	D1_LED0	LED 0805N	LED0	1
Green LED	Typical INFRARED GaAs LED	D1_LED1	LED 0805N	LED0	1
Green LED	Typical INFRARED GaAs LED	D1_LED2	LED 0805N	LED0	1
Green LED	Typical INFRARED GaAs LED	D1_LED3	LED 0805N	LED0	1
GF1A	Default Diode	D2	GF1A Diode	Diode	1
GF1A	Default Diode	D3	GF1A Diode	Diode	1
Green LED	Typical INFRARED GaAs LED	D4	LED 0805N	LED0	1
Inductor	Inductor	FB1	INDC1608AN	Inductor	1
Program / Debug		J1	RJ12_90	Component_1	1
12V Main	Header, 2-Pin, Right Angle	P1	PHOENIX_1985195	Header 2H	1
12V Battery	Header, 2-Pin, Right Angle	P2	PHOENIX_1985195	Header 2H	1
RPot	Potentiometer	R1	POTARD	RPot	1
Res1	Resistor	R2_LED0	RESC1608N	Res1	1
Res1	Resistor	R2_LED1	RESC1608N	Res1	1
Res1	Resistor	R2_LED2	RESC1608N	Res1	1
Res1	Resistor	R2_LED3	RESC1608N	Res1	1
Res1	Resistor	R3	RESC1608N	Res1	1
Res1	Resistor	R4	RESC1608N	Res1	1
PIC32MX764F128H-I/PT		U1	QFP50P1200X1200X120-64	PIC 32	1
AP1117		U2	TD03B_N	AP1117	1
8MHz	Crystal Oscillator	Y1	HC49/4H SMX CRYSTAL	XTAL	1