Comment	Description	Designator	Footprint	LibRef	Quantity
330r	Resistor	1, R2_LED0, R2_LED1, R2_LED3	RESC1608N	Res1	4
100nF	Capacitor	C1, C2, C3, C4, C5, C6, C15	CAPC1608N	Cap	7
20pF	Capacitor	C7, C8	CAPC1608N	Cap	2
10uF 6.3V	Capacitor	C9, C11, C12, C13	CAPC2012N	Cap	4
1uF 6.3V	Capacitor	C10, C14	CAPC1608N	Cap	2
Green LED	Typical INFRARED GaAs LED	D1_LED0, D1_LED1, D1_LED2, D1_LED3, D4	LED 0805	LED0	5
GF1A	Default Diode	D2, D3	SMA/DO-214AC_21	Diode	2
600r	Inductor	FB1	INDC1608AN	Inductor	1
Program / Debug	Header, 6-Pin	J1	RJ12_90	Header 6	1
12V Main	Header, 2-Pin	P1	PHOENIX_1985195	Header 2	1
12V Battery	Header, 2-Pin	P2	PHOENIX_1985195	Header 2	1
1K	Potentiometer	R1	PDB181-K415K-102A2	RPot SM	1
4.7k	Resistor	R3	RESC1608N	Res1	1
470r	Resistor	R4	RESC1608N	Res1	1
PIC32MX764F128H-I/PT	PIC32MX764F128H	U1	QFP50P1200X1200X120-64	PIC32MX764F128H-I/PT	1
AP1117	1A LDO, 18V input, DPAK	U2	TD03B_N	AP1117	1
8MHz	Crystal Oscillator	Y1	HC49/4H SMX CRYSTAL	XTAL	1