







						RefFournisse		LogicalDesig	
Comment	Description	Footprint	Fabricant	RefFabricant	Fournisseur	ur	LibRef	nator	Quantity
				C2012X5R0J1					
			TDK,	06M/1.25, [NoValue],	Farnell,	2309029,			
			[NoValue],	C2012X5R0J1	[NoValue],	[NoValue],			
			TDK,	06M/1.25,	Farnell,	2309029,		C1, C10, C12,	
10uF	Capacitor	RAD-0.3	[NoValue]	[NoValue]	[NoValue]	[NoValue]	Cap	C13	4
								C2, C3, C4,	
100-5	Compaite	DAD 0.3					Can	C5, C6, C7,	7
100nF	Capacitor	RAD-0.3					Сар	C15	/
20pF	Capacitor	RAD-0.3					Сар	C8, C9	2
1uF	Capacitor	RAD-0.3					Cap	C11, C14	2
C = 1 A	Default	C) 4C	7.00	GE1 A E2 (G7 A	_ ,,	0540560	D: 1	D1 D2	
GF1A	Diode	SMC	VISHAY	GF1A-E3/67A	Farnell	9549560	Diode	D1, D2	2
	Typical INFRARED								
Green LED	GaAs LED	LED-0	KINGBRIGHT	KPT-2012SGC	Farnell	2099239	LED0	D1	4
	Typical RED,								
	GREEN,								
	YELLOW,								
Green LED	AMBER GaAs LED	3.2X1.6X1.1	KINGBRIGHT	KPT-2012SGC	Farnell	2099239	LED2	D3	1
		+	ł						
600r	Inductor	0402-A	Wurth	742792651	Farnell	1635706	Inductor	FB1	<u>T</u>
Program / Debug			Molex	53398-0671	Farnell	1125368	Component_ 1	J1	1
Debug			PHOENIX	PTSA 1.5/2-3,5		1123300	_	71	
12V Main	Header, 2-Pin	HDR1X2	CONTACT	Z	Farnell	1792769	Header 2	P1	1
			PHOENIX	PTSA 1.5/2-3,5					
12V Battery	Header, 2-Pin	HDR1X2	CONTACT	Z	Farnell	1792769	Header 2	P2	1
4.7K	Resistor	AXIAL-0.3					Res1	R1	1
470r	Resistor	AXIAL-0.3					Res1	R1	1
330r	Resistor	AXIAL-0.3					Res1	R1	4
	Potentiomete			PDB181-					
1K	r	VR5	BOURNS	K415K-102A2	Farnell	1823540	RPot	R2	1
PIC32MX764F				PIC32MX764F			PIC32MX764F		
128H			Microchip	128H	Farnell	1971889	128H	U1	1
AP1117	1A LDO, 18V input, DPAK	AP1117	DIODES INC	AP1117D33G- 13	Farnell	1825285	AP1117	U2	1
	 '					•			
8MHz	Crystal Oscilla	R38	FOX ELECTROI	FOXSDLF/080-	Farnell	2063972	XTAL	Y1	1