

Sheet1

refdes	device	value	footprint
C203,C205,C207,C209	CAPACITOR	0.01uf	603
C101,C102,C114,C116,C109,C201,C215,C216,C217	CAPACITOR	0.1uf	603
C119,C120	CAPACITOR	18pf	603
C202,C204,C206,C208,C210,C211,C212,C213	CAPACITOR	47pf	603
C111,C113	POLARIZED_CAPACITOR	1uF 50V	cap-elec-ave_b
C103,C104,C110,C112	POLARIZED_CAPACITOR	10uf 16V	cap-elec-ave_b
D102	DIODE	1N4148	805
J101	CONNECTOR_5	unknown	JUMPER5.fp
J102	HEADER10	unknown	HEADER10_2.fp
J103	CONNECTOR_4	unknown	JUMPER4.fp
J104	CONNECTOR_2	unknown	JUMPER2.fp
J201	HEADER10	unknown	HEADER10_2.fp
J202	HEADER10	unknown	HEADER10_2.fp
L101	Ferrite Bead	2k5 50ma	603
R206,R210,R214,R218	RESISTOR	10	805
R223,R227	RESISTOR	100	805
R121	RESISTOR	220	805
R205,R207,R209,R211,R213,R215,R217,R219,R220,R224	RESISTOR	100k	805
R101,R104,R106,R107,R108,R109,R110,R111,R228,R229,R230,R231,R232,R233,R234,R235	RESISTOR	10k	805
R122	RESISTOR	3.9k	805
R204,R208,R212,R216,R221,R225	RESISTOR	330k	805
R102,R103,R201	RESISTOR	4.7k	805
R203	RESISTOR	47k	805
R202	RESISTOR	82k	805
R236	VARIABLE_RESISTOR	10k	trimpot_vert2
U101	MCU	dsPIC	SO28.fp
U102	I2C EEPROM	24AA256	SO8.fp
U103	Optoisolator	unknown	SO8
U104	VOLTAGE REGULATOR	LM1117-3.3	SOT223.fp
U201	QUAD_OPAMP	TLV274	SO14
U202	QUAD_OPAMP	TL074	SO14
U204	VOLTAGE REFERENCE	LM4041-ADT092	
Y101	CRYSTAL	7.37MHz	CSM_7

Sheet1

Mfg Part Number	Digi-Key	Mouser
C0603C104M4RACTU	399-1099-1-ND	
C0603C104K4RACTU		80—C0603C104K4R
C0603C180J5GACTU	399-1052-1-ND	
C0603C470J5GACTU	399-1056-1-ND	
AVE105M50B12T-F		598-AVE105M50B12T-F
AVE106M16B12T-F		598-AVE106M16B12T-F
CD0603-S01575		652-CD0603-S01575
snap header, or solder		
snap header, or solder		
snap header, or solder		
snap header, or solder		
snap header, or solder		
snap header, or solder		
BLM18BD252SN1D		81-BLM18BD252SN1D
Generic 5% 1/8W 0805 SMD		
Generic 5% 1/8W 0805 SMD		
Generic 5% 1/8W 0805 SMD		
Generic 5% 1/8W 0805 SMD		
Generic 5% 1/8W 0805 SMD		
Generic 5% 1/8W 0805 SMD		
Generic 5% 1/8W 0805 SMD		
Generic 5% 1/8W 0805 SMD		
3329X-1-103LF	3329X-103LF-ND	
dsPIC33FJ64GP802-I/SO		579-DSPIC364GP802ISO
24AA256-I/SN	24AA256-I/SN-ND	
HCPL-060L-000E		630-HCPL-060L-000E
LM1117MP-3.3/NOPB	LM1117MP-3.3CT-ND	
TLV274CD		595-TLV274CD
TL074CD		595-TL074CD
LM4041DILPR	296-22176-1-ND	
ECS-73-20-5PX-TR	XC1270CT-ND	