











## Bill of Materials

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Source Data From: notus.PrjPcb
Project: notus.PrjPcb

Variant: None

 Creation Date:
 22/11/2012
 11:01:45 PM

 Print Date:
 41235
 41235.95964

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Footprint	Comment	LibRef	Designator	Description	Quantity
RESC2012N	Cap	Сар	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10,	Capacitor	36
			C11, C12, C13, C14, C15, C16, C21, C22,		
			C23, C24, C25, C26, C27, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39,		
			C40, C41		
C0805	Сар	Cap Pol3	C17, C18, C19, C20	Polarized Capacitor (Surface Mount)	4
SOT23-3M	3V3	D Zener	D1, D2	Zener Diode	2
0805_Diode	RED	LED0	D3, D7	Typical INFRARED GaAs LED	2
0805_Diode	BLUE	LED0	D4, D5, D6	Typical INFRARED GaAs LED	3
0805_Diode	GREEN	LED0	D8	Typical INFRARED GaAs LED	1
	Fuse	Fuse 2	F1	Fuse	1
1633600000	RPM 2-3	CON8	J1	8 pins connector	1
104652-1	Power Sec.	CON10	J2	10 pins connector	1
1633600000	RPM 0-1	CON8	J3	8 pins connector	1
AU-Y1007-R	USB	CON4	J4	4 pins connector	1
104652-2	IO PORT	CON20	J5	20 pins connector	1
1633600000	ADC 4-5	CON8	J6	8 pins connector	1
A31411-ND	PROG	CON6	J7	6 pins connectors	1
1633600000	ADC 2-3	CON8	J8	8 pins connector	1
XT60_CON	Power Main	CON2	J9	2 pins connector	1
1633600000	I2C	CON8	J10	8 pins connector	1
BS-1225-PC	Power RTC	CON2	J11	2 pins connector	1
con4_200mil s		CON4	J12	4 pins connector	1
1607070000	CON5	CON5	J13	5 pins connector	1
SD Card	SD Card	SD Card	J14	SPI Sd card connector pinout	1
RESC2012N	Ferrite	Inductor	L1	Inductor	1
SOT223-4M	MOSFET-N	MOSFET-N	Q1	N-Channel MOSFET	1
RESC2012N	Res1	Res1	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10,	Resistor	42
			R11, R12, R13, R14, R15, R16, R17, R18,		
			R19, R20, R21, R22, R23, R24, R25, R26,		
			R27, R28, R29, R30, R31, R32, R33, R34,		
			R35, R36, R37, R38, R39, R40, R41, R42		
TOED	1- DIO00EDE40	DIO00EDE40	U1	40 bits asissas and allowable District about	_
TQFP-	dsPIC33EP512 MC806	dsPIC33EP512 MC806	01	16 bits microcontroller with Digital signal	1
PT64_M			110	controller	_
	MCP4728	MCP4728	U2	12-Bit, Quad Digital-to-Analog Converter with EEPROM Memory	1
RT-5	AD8541	AD8541	U3, U5, U7, U8	CMOS Rail-to-Rail General-Purpose Amplifiers	4
MMA8452Q	MMA8452Q	MMA8452Q	U4	Triple axis accelerometer breakout board	1
Breakout board	Breakout board	Breakout board			
SSOP5	BD4930G-TR	BD4950G-TR	U6	5V Voltage supervisor	1
8SOIC-1	DS1338	DS 1338	U9	I2C RTC with 56-Byte NV RAM	1
SSOP16 M	MAX3221	MAX3221	U10	RS232 to TTL	1
ssop-28	FT232RL	FT232RL	U11	USB UART IC	1
SOT23-5AM	SN74LVC1G14	SN74LVC1G14	U12	Inverter Gate	1
8SOIC-2	SN65HVD08D	SN65HVD08D	U13	RS485 to TTL	1
SOP-8	ISO1050	ISO1050	U14	ISOLATED CAN TRANSCEIVER	1
8SOIC-2	CAT24C256W	CAT24C256W	U15	256 kb I2C CMOS Serial EEPROM	1
oki-78sr	oki-78sr	oki-78sr	U16	5V 1.5A (Vin 7V-36V) swiching power	1
				supply - board mount	
8SOIC-2	LTC1153	LTC1153	U17	Over current protection - Circuit breaker	1
SOT223-5M	LP38693	LP38693	U18	LDO 3.3V 500mA	1
HC49/4H_SM X		XTAL	Y1, Y2, Y3	Crystal Oscillator	3
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