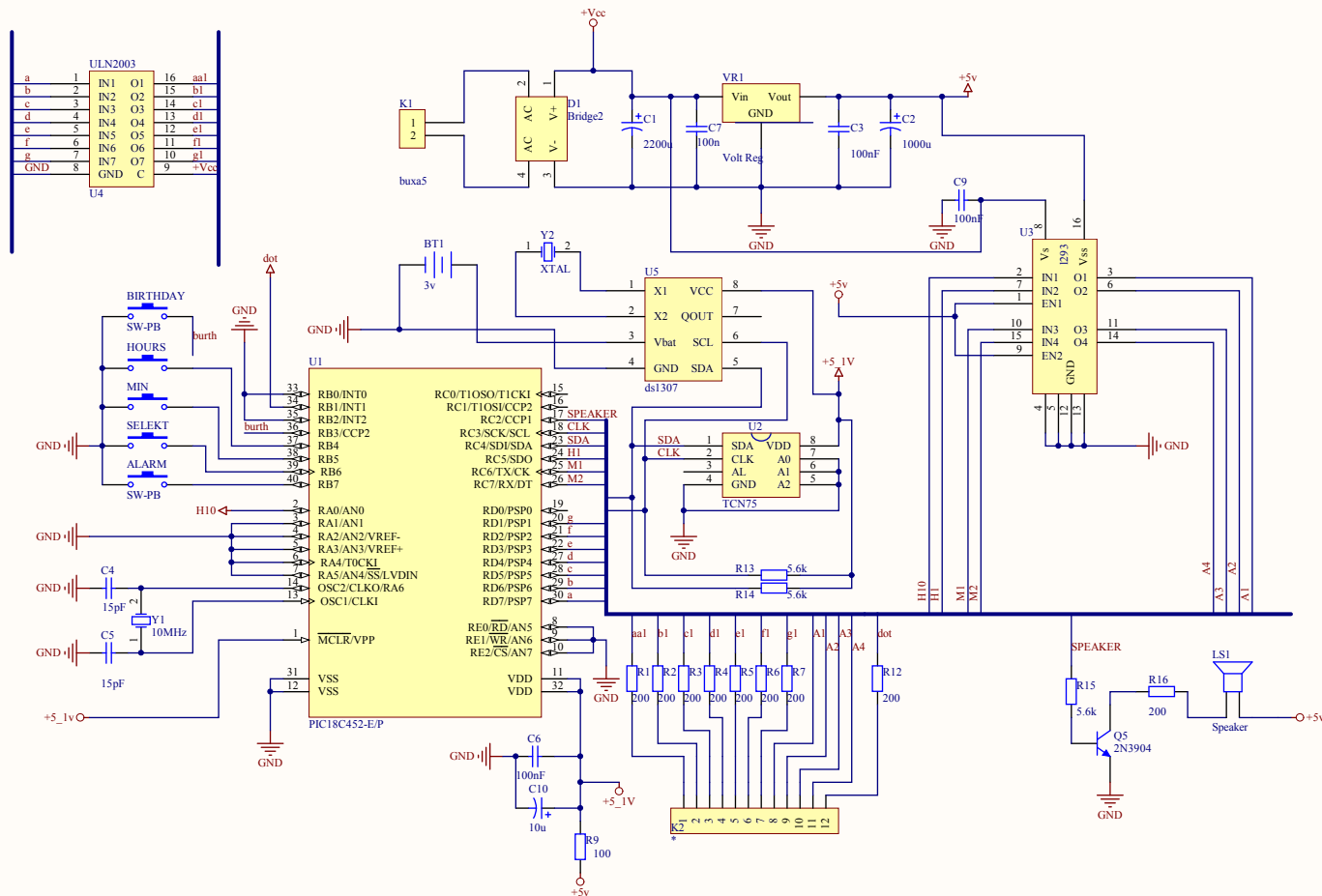
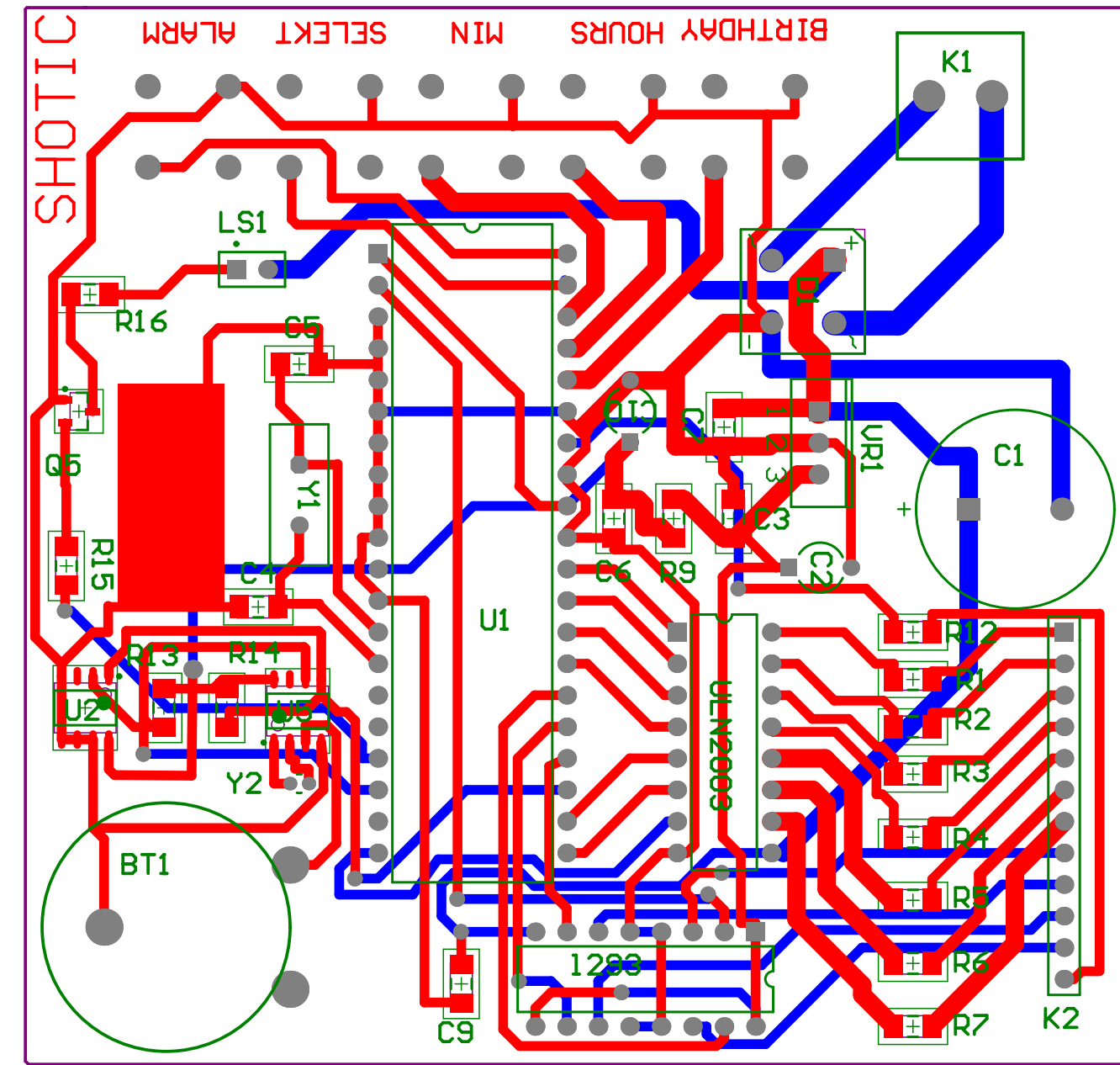




Title		
Size	Number	Revision
A3		
Date:	18/12/2012	Sheet of
File:	D:\VLADO\ekol1.SchDoc	Drawn By:



88.9 (mm)

85.344 (mm)

Comment	Description	Designator	Footprint	LibRef	Quantity
SW-PB	Switch	ALARM, BIRTHDAY, HOURS, MIN, SELEKT	button	SW-PB	5
3v	Multicell Battery	BT1	battery	Battery	1
2200u	Polarized Capacitor (Radial)	C1	CAPPR7.5-16x35	Cap Pol1	1
1000u	Polarized Capacitor (Radial)	C2	CAPR5-4X5	Cap Pol1	1
	Capacitor	C3, C7, C9	CAPC3216M	Cap	3
Cap	Capacitor	C4, C5, C6	CAPC3216M	Cap	3
	Polarized Capacitor (Radial)	C10	CAPR5-4X5	Cap Pol1	1
Bridge2	Diode Bridge	D1	E-BIP-P4/D10	Bridge2	1
buxa5		K1	buxa5	buxa5	1
		K2	HDR1X12	conector2	1
U3		l293	DIP-16	Component_1	1
Speaker	Loudspeaker	LS1	PIN2	Speaker	1
2N3904	NPN General Purpose Amplifier	Q5	SOT95P240-3N	2N3904	1
Res2	Resistor	R1, R2, R3, R4, R5, R6, R R12, R13, R14, R15, R16	RESC3216M	Res2	12
	Resistor	R9	RESC3216M	Res2	1
PIC18C452-E/P	High Performance Microcontroller with 10-Bit A/D, 32K EPROM, 40-Pin PDIP, Standard Volt Range, Extended Temperature	U1	CERDIP600W-40	PIC18C452-E/P	1
TCN75		U2	SOIC150-8_L	TCN75	1
ds1307		U5	SOIC150-8_L	ds1307	1
U4		ULN2003	DIP-16	Component_1	1
Volt Reg	Voltage Regulator	VR1	SFM-T3/X1.6V	Volt Reg	1
10MHz	Crystal Oscillator	Y1	BCY-W2/E4.7	XTAL	1
XTAL	Crystal Oscillator	Y2	BCY-W2/D1.5	XTAL	1