



Title		HD_clock.SchDoc
Size	Number	Revision
B		
Date:	4/13/2009	Sheet of
File:	C:\projects\HD_clock.SchDoc	Drawn By:

# Bill of Materials

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Source Data From: HD\_CLOCK.PRJPCB  
 Project: HD\_CLOCK.PRJPCB  
 Variant: None

Creation Date: 4/13/2009 12:56:07 AM  
 Print Date: 39916 39916.03914

Footprint	Comment	LibRef	Designator	Description	Quantity
RAD-0.1	Cap	Cap	C1, C2, C3, C4, C5	Capacitor	5
B	Cap Pol1	Cap Pol1	C6	Polarized Capacitor (Radial)	1
DO-35	1N4148	Diode 1N4148	D1	High Conductance Fast Diode	1
LCD	LCD	Header 16	P1	Header, 16-Pin	1
HDR2X8					
HDR1X5	ICSP	Header 5	P2	Header, 5-Pin	1
HDR1X5	RTC	Header 5	P3	Header, 5-Pin	1
HDR1X6	LEDs	Header 6	P4	Header, 6-Pin	1
HDR1X3	Hall sensor	Header 3	P5	Header, 3-Pin	1
HDR1X2	Power DC	Header 2	P6	Header, 2-Pin	1
HDR1X5	LEDs/PBs	Header 5	P7	Header, 5-Pin	1
TO-92A	2N7000	2N7000	Q1, Q2, Q3	N-Channel Enhancement Mode Vertical DMOS FET	3
AXIAL-0.3	Res3	Res3	R1, R2, R3, R4, R6, R7, R8, R9, R10, R11	Resistor	10
AXIAL-0.25	Res3	Res3	R5	Resistor	1
PDIP300-28	PIC18F2320-I/SP	PIC18F2320-I/SP	U1	High Performance, Enhanced FLASH Microcontroller with 10-Bit A/D and nanoWatt Technology, 8K FLASH, 28-Pin Skinny PDIP, Standard Volt Range, Industrial Temperature	1
BCY-W2/E4.7	10MHz	XTAL	Y1	Crystal Oscillator	1
BCY-W2/D1.5	32768Hz	XTAL	Y2	Crystal Oscillator	1
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Approved	Notes