Bill of Material for Scope Clock V2

[o] =   Means these parts are optional and only included when you ordered
         the RTC (real-time-clock) option.

[p] =   Means these parts are optional and only required if you want
         to develop your own software and to program ATMEGA8515 'In Circuit'.

[d] =   Means these parts are optional and only required when a DCF77
         time receiver module is connected.

[e] =   Means these parts are optional and only required when a digital
         encoder pot is connected. In the current software there is no
         support for this encoder pot.

Chk	Used	Part Type	Designator	Description
[ ]	1	1K	R1	SMD 1206 RESISTOR
[ ]	1	10K	R8	SMD 1206 RESISTOR
[ ]	3	100N	C1 - C3	SMD 1206 CAPACITOR
[ ]	1	10uF/35V	C8	CAPACITOR
[ ]	1	1N4002	CR1	DIODE
[ ]	1	LED	LD1	LED3MM RED
[ ]	1	7805	U1	TO220 REGULATOR
[ ]	1	DAC5626	U2	SO-8 DUAL DAC
[ ]	1	ATMEGA8515	U4	SOCKECT-PLCC44
[ ]	1	ATMEGA8515	U4	CONTROLLER
[ ]	1	OSC 18.1818MHz	U5	OSCILLATOR-DIP14
[ ]	1	DCJACK	DCIN	DCJACK PIN 2,5 MM
[ ]	1	PUSHBUTTON	S1	PCBSWITCH-LOW PROFILE
[ ]	4	HEX STUDS 5MM+		
[ ]	4	HEX STUDS 12MM		
[ ]	1	DC PLUG		
[o]	1	32.768KHZ	XT1	CRYSTALWATCH XTAL
[o]	1	DS1302	U3	DIP8 RTC CLOCK
[o]	1	0.1F/5V	C7	GOLDCAP capacitor pol
[p]	2	1K	R4, R5	SMD 1206 RESISTOR
[p]	1	AMP	ISPPROG	BOXHEADER10
[p]	1	LED	LD2	LED3MM GREEN
[p]	1	330	R6	SMD 1206 RESISTOR
[p]	1	BC556	Q1	TO92 PNP TRANSISTOR
[d]	1	120	R7	SMD 1206 RESISTOR
[d]	1	100N	C6	SMD 1206 CAPACITOR
[e]	2	1K	R2, R3	SMD 1206 RESISTOR
[e]	2	100N	C4, C5	SMD 1206 CAPACITOR