

# IV18 VFD Clock Check list

v.03

Component	Quantity	Check
resistor 180-220K 0.125w	3	
resistor 180-220K 0.25w	1	
resistor 300K 0.25w	1	
resistor 15K 0.125w	1	
resistor 10K 0.25w	1	
resistor 1K 0.25w	1	
capacitor 100uF 10V	1	
capacitor 33uF 63V	1	
capacitor 470uF 16V	1	
capacitor 0.1uF	6	
capacitor 1nF	1	
capacitor 33pF	1	
capacitor 47pF	1	
trim capacitor ( red)	1	
Super capacitor 0.22 F 6V	1	
Crystal 4MHz	1	
Buzzer 5v	1	
Inductor 220uH SMD	1	
Transistor IRF720 (P5NK50Z)	1	
IC MAX771 (or MAX1771)	1	
IC PIC16F648A	1	
IC TSC428CBA SMD	1	
IC MAX6921AUI SMD	1	
IC KA7805 (or 7805)	1	
Tube PCB	1	
uC PCB	1	
IV-18 VFD Tube	1	
IV-18 Tube plastic holder	1	
Fuse 1A	1	
1N4001A 1A diode	1	
Shottky diode	2	
UF4004 fast switch 400V diode	1	
Connector plug 2x5, right angle, for tube pcb	1	
Connector plug 5pins, right angle, ICSP	1	
Connector plug 5pins, right angle, RS232/IO	1	
Connector socket 2x 5 for main pcb	1	
Connector 9V socket	1	
Tactile Switch Right angle	2	