

# IN-12 Nixie Counter-Clock

# Components List v.01

Component	Quantity	In kit
resistor 1M2	1	
resistor 680-750K	1	
resistor 200K	3	
resistor 100K	12	
resistor 10K	10	
capacitor 100uF 10v	1	
capacitor 470uF 16v	1	
capacitor 0.1uF	9	
capacitor 1uF 250v axial	1	
capacitor 1uF 50v	4	
Murata trim capacitor 4-20pF	1	
capacitor 33pF	1	
capacitor 47pF	1	
Crystal 4MHz	1	
Piezo HCM1206BX	1	
Inductor 220uH 0.8A smd	1	
Transistor IRF720	1	
Transistor MPSA42	4	
Transistor MPSA92	4	
IC MAX1771 or MAX771	1	
IC PIC16F883	1	
IC K155ID1	2	
IC KA7805	1	
IC ST232 or MAX232 smd	1	
PCB Manufacture	2	
IN12B Nixie Tube	8	
3mm orange LED	1	
Diode Shotky 200ma	2	
Diode Fast switch 400V	1	
Diode 1N4001A 1A	1	
Backup Battery CR-2032	1	
Backup battery holder	1	
2 pins jumper set	1	
Tube Pins 24 pins set (24x8=192pins)	8	
Connector 4 pins, 2.54mm pitch	4	
Connector 4 socket, 2.54mm pitch	4	
Connector 2 pins, 2.54mm pitch	2	
Connector 2 socket, 2.54mm pitch	2	
Connector 4pins Right Angle	1	
Connector 5pins Right Angle	2	
Connector 2 socket, 2.54mm pitch 9V	1	
Tactile Switch 6x6mm, 13mm tip	2	
Fuse quick blow 1A	1	