

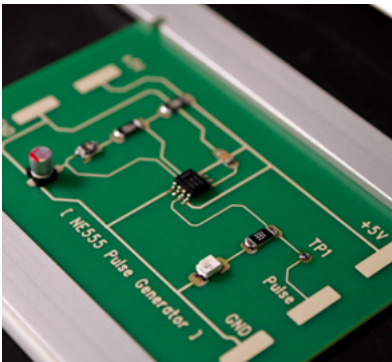
ITIZ Boards Parts List

Regulator



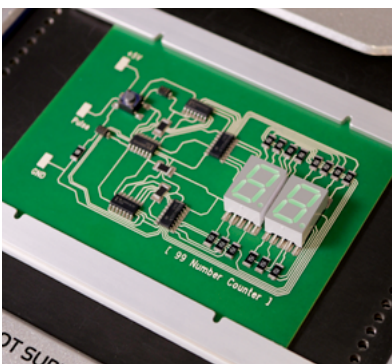
Part	Part name	Specification	Quantity
U1	SMD regulator	78M05	1 EA
U2	SMD regulator	LM2575	1 EA
D1, D3	SMD LED	3528 (mm) green	2 EA
R1, R2	SMD resistor	5025 (mm) 330 Ω	2 EA
C2	SMD capacitor	3216 (mm) 104 (0.1uF)	2 EA
C1, C3, C5	SMD electrolytic capacitor	10 ϕ x 10 mm 100uF	3 EA
C6	SMD electrolytic capacitor	8 ϕ x 10 mm 330uF	1 EA
D2	SMD diode	D0214AC	1 EA
L1	SMD inductor	330uH (12.50mm x 12.50mm)	1 EA

NE555 Pulse Generator



Part	Part name	Specification	Quantity
U1	IC	NE555 (SOIC)	1 EA
D1	LED	SMD 3528 (mm) green	1 EA
R1	SMD resistor	5025 (mm) 100K Ω	1 EA
R2	SMD resistor	5025 (mm) 47K Ω	1 EA
R4	SMD resistor	5025 (mm) 330 Ω	1 EA
C2	SMD capacitor	3216 (mm) 104 (0.1uF)	1 EA
C1	SMD electrolytic capacitor	4 ϕ x 5mm 1uF	1 EA
R3	Variable resistor	SMD PVG3 1M Ω	1 EA

99 Number Counter



Part	Part name	Specification	Quantity
U5	IC	SMD 74LS08	1 EA
U3, U4	IC	SMD 74LS47	2 EA
U1, U2	IC	SMD 74LS93	2 EA
SW1	Push switch	SMD 7mm x 7mm	1 EA
D1, D2	SMD diode	D0214AC	2 EA
R15	SMD resistor	5025 (mm) 100 Ω	1 EA
R1-14	SMD resistor	5025 (mm) 150 Ω	14 EA
FND1, FND2	SMD 7-segment display	WL-S7DS (common anode)	2 EA
JUMPER	SMD jumper	SMD resistor 5025 (mm) 0 Ω	3 EA