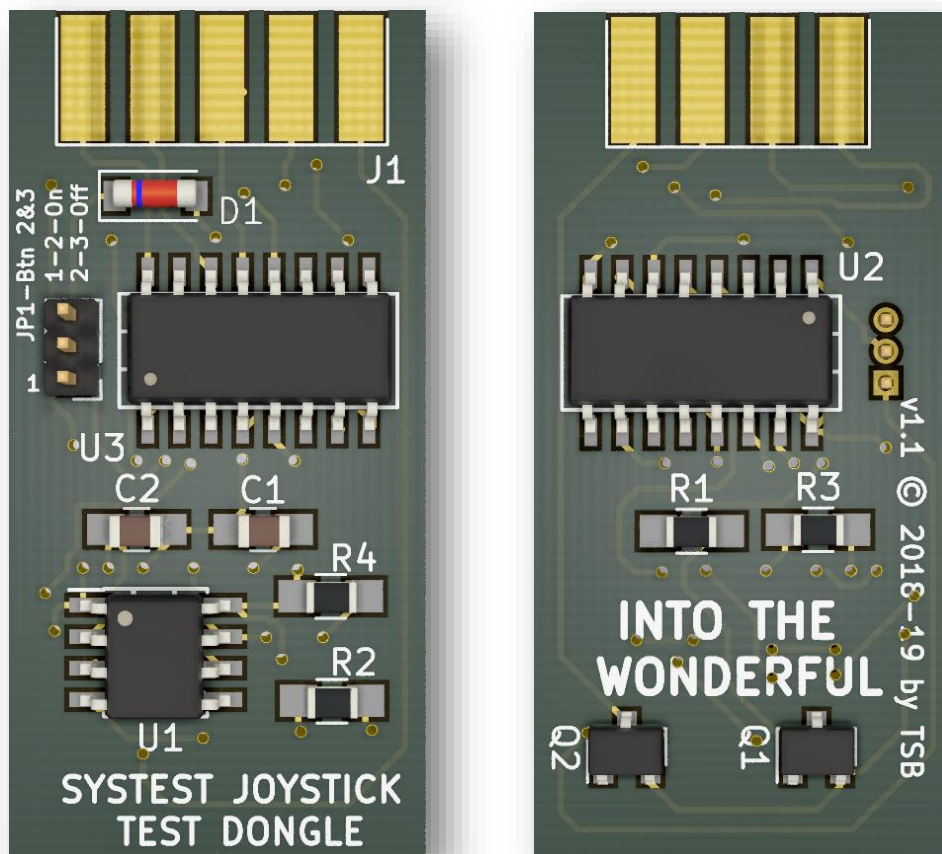


SYSTEST-JOYSTICK DONGLE - PCB Assembly



PCB components

label	Component/value	Package	Description
U1	NE555	SIOC-8	Timer
U2	CD4017	SIOC-16	10 bit counter
U3	ULN2003A	SIOC-16	Darlington Transistor Arrays
R1	220R	0805	Resistor
R2	220R	0805	Resistor
R3	330K	0805	Resistor
R4	56K	0805	Resistor
C1	10nF	0805	Capacitor
C2	1uF	0805	Capacitor
D1	1N4148	SOD-123	Diode
Q1	MMBT3904	SOT-23	Transistor NPN
Q2	MMBT3904	SOT-23	Transistor NPN
JP1	1x03p header		Pin Header pitch 1,27mm
J1	DB9F	DB9F	d-sub 9 pin female connector

Solder all components onto the board, I advise to solder J1 as last component.

SYSTEST-JOYSTICK DONGLE - PCB Assembly

Schematic

