

# **DesTest MAX-Switch (v3.t)**

## **Bill Of Materials**

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v2.t rev 1

#	RefDes	Qty	Manufacturer	Mfg Part #	Description/Value	Instructions/Notes
1	C1, C2, C3, C4, C5	5	Kemet	C320C104M5R5TA	CAP CER 0.1UF 50V X7R RADIAL	
2	LED1	1	Kingbright	WP7113ID	LED RED DIFFUSED T-1 3/4 T/H	
3	LED2	1	Kingbright	WP7113GD	LED GREEN DIFFUSED T-1 3/4 T/H	
4	R3	1	Yageo	MFR-25JR-52-10K	RES 10K OHM 5% 1/4W AXIAL	Lead Spacing: 0.400 (10.16mm)
5	R5, R6	2	Yageo	MFR-25JR-52-390R	RES 390 OHM 5% 1/4W AXIAL	Lead Spacing: 0.400 (10.16mm)
6	SW1	1	Same Sky	TS02-66-110-BK-100-SCR-D	SWITCH TACTILE SPST-NO 0.05A 12V	
7	SW2	1	CIT Relay and Switch	MS2202L8A	SWITCH SLIDE DPDT 0.2A 30V	4mm pitch
8	SW3	1	C&K	SS-23E06-G 5	SWITCH SLIDE DP3T 300MA 30V	2.54mm pitch
9	U1, U3	2	Texas Instruments	SN74LS74AN	IC FF D-TYPE DOUBLE 1BIT 14PDIP	
10	U2	1	Texas Instruments	SN74LS08N	IC GATE AND 4CH 2-INP 14DIP	
11	U4	1	Texas Instruments	SN74LS02N	IC GATE NOR 4CH 2-INP 14DIP	
12	U5	1	Mill-Max Manufacturing Corp.	940-44-032-24-000000	CONN SOCKET PLCC 32POS TIN	populate with IC FLASH 512KBIT PARALLEL 32PLCC (28F512)
13	U99	1	ST	M28F512	IC FLASH 512KBIT PARALLEL 32PLCC (28F512)	

Alternates for #7:

SLW-23775-5A-N-D 23.2 X 7 X 7.5 MM, 5 MM RAISED S (Ali Express search)

SS22F25-G7 2 Position DPDT 2P2T Panel Mount Mini Slide Switch Solder Lug (Ali Express search)

Alternates for #8:

SS23E04 Double Toggle Switch 8 Pins 3 files 2P3T DP3T Handle high 5mm small slide switch (Ali Express search)