

Toy Traffic Lights Parts List

1	Pre-programmed PIC12F509-I/P
1	100nF monolithic capacitor
1	180Ω 1/4W resistor
1	1N4004 (or similar) diode
3	10mm LEDs – 1 × green, 1 × yellow, 1 × red
1	9mm PCB push button switch
1	Sub miniature horizontal PCB SPDT slide switch
1	4-way AAA flat battery holder with fly leads
4	AAA cell batteries (preferably alkaline)
	Double-sided foam tape (to mount battery holder)
	4-way ribbon cable (150mm for described enclosure – see text)
	Supply of 3mm and 6mm MDF (if building described enclosure – see text)