

Electrical Component Costs

	Unit	Used	Cost/Unit	Cost
PCBs				
Line Following	each	1	£6.50	£6.50
Prototype	each	1	£7.60	£7.60
Total				£14.10
Passives				
Resistors	(quote)	22	£0.02	£0.44
Capacitors	(quote)	0	£0.10	£0.00
Total				£0.44
Connectors				
D Plug/Socket	each	3	£0.70	£2.10
Molex Pins	each	6	£0.40	£2.40
Molex Body	each	6	£0.30	£1.80
Molex Crimps	each	6	£0.02	£0.12
Total				£6.42
Semis				
FET	each	2	£0.30	£0.60
HC 74	each	1	£0.40	£0.40
PCF8574	each	2	£0.80	£1.60
Total				£2.60
Sensors				
Optical (Line)	each	4	£2.25	£9.00
Strain gauge	each		£4.50	£0.00
Magnetic	each		£4.00	£0.00
Temperature	each		£2.00	£0.00
Total				£9.00
LEDs				
3mm (Low current)	each	10	£0.04	£0.40
Total				£0.40
Extras (S)				
User – 1	each	1	£0.00	£0.00
User – 2	each	1	£0.00	£0.00
User – 3	each	1	£0.00	£0.00
User – 4	each	1	£0.00	£0.00
Total				£0.00