Qty	Stock	PCB Ident	PCB mtg	Packing location	Schematic Part Name (from circuit diagram)	Part Description	Farnell / Other♦ Stock Code *	Manuf. / Distributor ♦	Manufacturer's Part Number		
1				Outer		Padded bag for mailing	ML1♦	Viking♦	Mail Lite Plus D/1		
4/21				On bags		Set of sticky labels	LA21-100♦	Viking♦			
1				loose		Address label and receipt	LA2-100♦	Viking♦			
½				loose		Phono Lead & Plug	**371-2205**	CPC	AV00243		
1				loose		***Supplied Optionally:*** Battery, ½ AA, Li.Th.Cl.	**118-7264**		SL750/S		
1				loose		Circuit diagram	SLV023_circuit	D. Gibson			
1				loose		Kit check list	SLV023_kitcheck	D. Gibson			
2				loose	**BAG1, BAG2**	Plastic bag. Minigrip 90 x 115	170-415	*Not stocked*	[£7.56 /1000 in 2005]		
1				loose	**POT**	Translucent plastic container	30Specimen♦	HyPerGraph♦	[£65.84 / 700(?), in 2002]		
1				loose	**BOX**	Box for semiconductors	**370-3307**				
1				Pot		Printed circuit board	SLV023♦	D. Gibson♦			
1		C1	0.1″	Pot	10N	10nF ceramic capacitor	**114-1772**		225232500103		
1		C5	0.2″	Pot	33U	***Substitute:*** 47uF 6.3V tantalum capacitor	**970-8227**		CB0J476M2HCB		
1		C6	0.6″	Pot	MPETP 400V 100N	***Substitute:*** Stacked polyester film 100N 400V	**975-2820**				
2		R1,6	0.2″	Pot	3K3	Metal Film Resistor 1%	**946-3682**		MRS16 3K3 1%		
2		R2,5	0.35″	Pot	10M	You can substitute cheaper resistors (e.g. carbon film 5%) but the printed circuit board requires them to fit a 5mm pitch (8.5mm for R2 & R5). If the parts are too large you will have to mount them vertically.	**946-4018**		MRS25 10M 1%		
2		R3,4	0.2″	Pot	100K		**946-3291**		MRS16 100K 1%		
2		R15,16	0.2″	Pot	100R		**946-3305**		MRS16 100R 1%		
1		R17	0.2″	Pot	1M0		**946-3496**		MRS16 1M 1%		
1		LK1	0.1″	Pot	PINS 3	Pin Header	**102-2248**	Harwin	M20-9990345		
2		BAT1	---	Pot		pair PCB clips for ½AA cell	**908-733**	Keystone	92		
1		SK1	3.5mm	Pot	TERM2 3MM5	Screw Terminals	**388-2615**				
1		FS1	0.2″	Pot	FUSE MF 0.1A	***Not normally fitted:*** Multifuse, 0.1A 60V	**935-0365**	Bourns	MF-R010-0-99		
1		---	0.1″	Pot	---	Jumper 10mm blue	**321-8491**	Harwin	M7687-05		
1		D1	0.1″	Box	SFH206K	***Substitute:*** BPW41N	**104-5426**		SFH206K or BPW41N		
1		IC1	8-DIL	Box	TLC27L2CP	Op-Amp	**110-3013**		TLC27L2CP (100-off @...)		
1		OPT1	6-DIL	Box	TLP3022	Optocoupler Triac Driver	**104-5440**		K3022P		
1		Q1	TO-92	Box	Z00607MA	Triac, 0.8A 60V TO-92	**980-4560**		Z00607MA		
1g				Bag		Solder, Hydro-X, 22swg	629-431	*Not stocked*	[500g for £15]		
2/100				Bag		Cable Tie, 100mm [pack 100]	**116-8977**		T18R-YELLOW		
2/100				Bag		Grommet,9.5mm (6.4mm hole) [pack 100]	**118-9030**		PV5 GROMMET PK 100		
2/200				Bag		Velcro Coin Loop	**957-306**		VC11L-804-R5(22.0)		
2/200				Bag		Velcro Coin Hook	**957-290**		VC11H-804-R5(22.0)		

SLV023 BILL OF MATERIALS

* stock codes in bold were updated on 5 November 2007

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