

Bowood Electronics Ltd.

Mail Order Catalogue

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Registered in England number: 4036394



Prices correct at time of printing: 03/04/2017. E&OE

Order Code:	Unit Price (£):
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1. Batteries

1.1. Zinc Chloride

BAT001	AA/HP7 - 1.5v	0.25
BAT002	AAA - 1.5v	0.25
BAT003	C/HP11 - 1.5v	0.45
BAT004	D/HP2 - 1.5v	0.50
BAT005	PP3 - 9v	0.50
BAT006	1289 - 4.5v	1.95

1.2. Alkaline

BAT020	23A 12v Alkaline Battery Miniature 12v alkaline battery (type 23A) used in remote control and security equipment. (Diameter: 28.4 x 10mm)	0.95
BAT012	AA Duracell Plus Power 8 Pack AA Duracell Plus Power 8 Pack	4.99
BAT018	PP3/MN1604 9volt	1.99

1.3. Alkaline Button Cells

BAT030	L621	0.40
BAT031	L726	0.85
BAT032	L736	0.40
BAT033	L754	0.40
BAT034	L1131	0.40
BAT035	L1142	0.40
BAT036	L1154	0.40

1.4. Lithium Coin Cells

BAT040	CR1620	1.99
BAT041	CR2016	1.40
BAT042	CR2025	1.40
BAT043	CR2032	1.40
BAT044	CR2430	1.50

2. Battery Holders

2.1. AAA

BTH015	3 x AAA Pre-wired	1.60
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2.2. AA

BTH001	1 x AA - Solder	0.30
BTH002	1 x AA Pre-wired	0.40
BTH003	2 x AA Pre-wired	0.45
BTH004	2 x AA Press Stud	0.35

BTH005	4 x AA Long, Press Stud	0.50
BTH006	4 x AA Square, Press Stud	0.50
BTH007	6 x AA Press Stud	0.85
BTH008	8 x AA Press Stud	0.95
BTH009	10 x AA Press Stud	0.95
BTH010	3 x AA Solder 3 x AA Battery Holder Solder Tags	0.35
BTH011	3 x AA Press Stud 3 x AA Battery Holder With PP3 Style Press Stud Connection	0.65

2.3. C/HP11

BTH020	1 x C Solder	0.30
BTH021	2 x C Press Stud	0.40
BTH022	4 x C Press Stud	0.45

2.4. D/HP2

BTH030	1 x D Solder	0.50
BTH031	2 x D Press Stud	0.75
BTH032	4 x D Solder Tag	1.20

2.5. PCB Mounted

BTH040	1 x AAA	0.25
BTH041	2 x AAA	0.30
BTH042	1 x AA	0.30
BTH043	2 x AA	0.35
BTH044	1 x PP3	0.40
BTH048	CR2032 Coin Cell Holder PCB mounted battery holder for 20mm diameter 3v lithium manganese coin cells type CR2032.	0.55
BTH045	3 x AAA	0.60

2.6. PP3/MN1604

BTH060	PP3/MN1604 With Flying Leads PP3 Battery Holder With Flying Leads, Incorporates Screw Fixing Holes Ideal for many applications. Withstands severe shock and vibration Moulded from black thermoplastic Incorporates screw fixing holes	0.50
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2.7. Covered

BTH050	2 x AA Battery box & switch 65 x 32 x 18mm	0.65
BTH051	3 x AA Battery box & switch 68.5 x 48.5 x 18.5mm	0.95
BTH052	2 x AA Battery box 65 x 32 x 18mm	0.45
BTH053	3 x AA Battery box 68.5 x 48.5 x 18.5mm	0.68
BTH055	4 x AA Battery Box & Switch 69 x 64 x 19mm	1.20

2.8. Battery Snaps

BSN001	PP3 Battery snap	0.10
BSN002	PP3 Battery snap (High quality)	0.18
BSN003	PP9 Battery snap (2 piece)	0.20

3. Cable

3.1. Connecting Wire

SCW001	20m Single solid core wire 1/0.6mm. 1.8A. 2 metres of ten different colours.	2.00
SCW002	20m Stranded wire 7/0.2mm. 1.4A. 2 metres of ten different colours.	2.00

TCW100	22 SWG Tinned Copper Wire Wire size: 22SWG Carrying current: 22A Fuse current rating 25A Priced per meter	0.25
SCW020	16/0.2 Red Wire Price Per Mtr	0.15
SCW021	16/0.2 Black Wire Price Per Mtr	0.15

3.2. Twin Stranded Wire

SCW025	Red/Black Figure of 8 Speaker Cable Price Per Mtr. Red/Black Figure of 8 Speaker Cable 14 strands 0.18mm Current Rating 2.5amp	0.20
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3.3. Ribbon Cable

RIB010	Multi-Coloured 8 Way Ribbon Cable Price Per Mtr. 8 Way Multi-Coloured Ribbon Cable. Each Wire 7/.2mm.	1.50
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4. Cable Ties

4.1. Cable Ties

CBT001	100 Cable ties - 100mm	1.00
CBT002	100 Cable ties - 150mm	1.50
CBT003	100 Cable ties - 220mm	1.95
CBT004	100 Cable ties - 250mm	3.50

5. Capacitors

5.1. Ceramic

CAP100	1.0pF	0.05
CAP104	2.2pF	0.05
CAP108	3.3pF	0.05
CAP112	4.7pF	0.05
CAP116	6.8pF	0.05
CAP120	10pF	0.05
CAP124	15pF	0.05
CAP128	22pF	0.05
CAP132	33pF	0.05
CAP136	47pF	0.05
CAP140	68pF	0.05
CAP144	100pF	0.05
CAP148	120pF	0.05
CAP152	150pF	0.05
CAP156	180pF	0.05
CAP160	220pF	0.05
CAP164	270pF	0.05
CAP168	330pF	0.05
CAP172	390pF	0.05
CAP176	470pF	0.05
CAP180	560pF	0.05
CAP184	680pF	0.05
CAP188	820pF	0.05
CAP192	1n	0.05
CAP196	1n5	0.05
CAP200	2n2	0.05
CAP204	3n3	0.05
CAP208	4n7	0.05
CAP212	6n8	0.05
CAP216	10n	0.05
CAP220	47n	0.06
CAP224	100n	0.06
CAP217	22n	0.06

CAP218	33n	0.06
CAP138	56pf	0.05
CAP194	1n2	0.05
CAP134	39pf	0.05
CAP142	82pf	0.05

5.2. Electrolytic

5.2.1. Radial 10v

CAP011	100μF	0.06
CAP015	1000μF -- 12x10mm -- 5.0mm	0.12

5.2.2. Radial 16v

CAP020	10μF -- 5.0 x 11.0mm -- 2.0mm	0.06
CAP021	22μF -- 5.0 x 11.0mm -- 2.0mm	0.06
CAP022	47μF -- 5.0 x 11.0mm -- 2.0mm	0.06
CAP023	100μF -- 11.0 x 6.3mm -- 2.5mm	0.08
CAP024	220μF -- 11.0 x 6.3mm -- 2.5mm	0.10
CAP025	470μF -- 11.5 x 8.0mm -- 3.5mm	0.15
CAP026	1000μF -- 16.0 x 10.0mm -- 5.0mm	0.25
CAP027	2200μF -- 25.0 x 12.5mm -- 5.0mm	0.38
CAP028	4700μF -- 32.0 x 18.0mm -- 7.5mm	0.60

5.2.3. Radial 25v

CAP035	4.7μF -- 11.0 x 5.0mm -- 2.0mm	0.06
CAP036	10μF -- 11.0 x 5.0mm -- 2.0mm	0.06
CAP037	22μF -- 11.0 x 5.0mm -- 2.0mm	0.06
CAP038	47μF -- 11.0 x 5.0mm -- 2.0mm	0.06
CAP039	100μF -- 11.0 x 6.3mm -- 2.5mm	0.10
CAP040	220μF -- 11.5 x 8.0mm -- 3.5mm	0.12
CAP041	470μF -- 16.0 x 10.0mm -- 5.0mm	0.20
CAP042	1000μF -- 20.0 x 12.5mm -- 5.0mm	0.30
CAP043	2200μF -- 26.0 x 16.0mm -- 7.5mm	0.55
CAP044	4700μF -- 40.0 x 18.0mm -- 7.5mm	1.00

5.2.4. Radial 35v

CAP088	2200uf -- 26.0 x 16.0 -- 7.5mm 2200uf 35v	0.60
CAP092	4700uf -- 36.0 x 18.0 -- 7.5mm 4700uf 35v	1.20

5.2.5. Radial 40v

CAP050	4.7μF -- 11.0 x 5.0mm -- 2.0mm	0.06
CAP051	10μF -- 11.0 x 5.0mm -- 2.0mm	0.06
CAP052	22μF -- 11.0 x 5.0mm -- 2.0mm	0.06
CAP053	47μF -- 11 x 6.3mm -- 2.5mm	0.10
CAP054	100μF -- 11.5 x 8.0mm -- 3.5mm	0.12
CAP055	220μF -- 12.5 x 10.0mm -- 5.0mm	0.15
CAP056	470μF -- 20.0 x 10.0mm -- 5.0mm	0.30
CAP057	1000μF -- 25.0 x 12.5mm -- 5.0mm	0.40

5.2.6. Radial 63v

CAP060	0.47μF -- 11.0 x 5.0mm -- 2.0mm	0.06
CAP061	1.0μF -- 11.0 x 5.0mm -- 2.0mm	0.06
CAP062	2.2μF -- 11.0 x 5.0mm -- 2.0mm	0.06
CAP063	4.7μF -- 11.0 x 5.0mm -- 2.0mm	0.06
CAP064	10μF -- 11.0 x 5.0mm -- 2mm	0.06
CAP065	22μF -- 11.0 x 6.3mm -- 2.5mm	0.09
CAP066	47μF -- 11.0 x 8.0mm -- 3.5mm	0.12
CAP067	100μF -- 12.5 x 10.0mm -- 5.0mm	0.15
CAP068	220μF -- 20.0 x 10.0mm -- 5.0mm	0.33

CAP069	470µF -- 26.0 x 13.0mm -- 5.0mm	0.40
CAP070	1000uf -- 26.0 x 16.0 x 6.5mm 1000uf 63v	0.70
CAP075	2200uf -- 22 x 25 x 10mm 2200uf 63v 85deg Hc Snap-in Capacitor	1.45

5.3. Metallised Polyester Capacitor

CAP470	10N 400v Metallised Polyester 10N 400v Metallised Polyester A metallised polyester radial capacitor with self healing performance, high moisture resistance, non-inductive wound construction, wide temperature range, and very high stability. L12 x W7.5 Pitch 10mm	0.15
CAP472	22N 400v Metallised Polyester 22N 400v Metallised Polyester A metallised polyester radial capacitor with self healing performance, high moisture resistance, non-inductive wound construction, wide temperature range, and very high stability. L12 x W7.5 Pitch 10mm	0.15
CAP474	47N 400v Metallised Polyester 47N 400v Metallised Polyester A metallised polyester radial capacitor with self healing performance, high moisture resistance, non-inductive wound construction, wide temperature range, and very high stability. L12.5 x W10 Pitch 10mm	0.15
CAP476	100N 250v Metalised Polyester 100N 250v Metallised Polyester A metallised polyester radial capacitor with self healing performance, high moisture resistance, non-inductive wound construction, wide temperature range, and very high stability. L12.5 x 10 x 5.5 Pitch 10mm Lead length 20mm	0.10
CAP484	330n 250v Metalised Polyester 330n 250v Metallised Polyester A metallised polyester radial capacitor with self healing performance, high moisture resistance, non-inductive wound construction, wide temperature range, and very high stability. L17 x 11 x 6 Pitch 15mm Lead Length 20mm	0.20
CAP478	100n 400v Metalised Polyester 100N 400v Metallised Polyester A metallised polyester radial capacitor with self healing performance, high moisture resistance, non-inductive wound construction, wide temperature range, and very high stability. L12.5 x 11 x 6.5 Pitch 10mm Lead length 20mm	0.15
CAP479	100N 630v Metalised Polyester 100N 630v Metallised Polyester A metallised polyester radial capacitor with self healing performance, high moisture resistance, non-inductive wound construction, wide temperature range, and very high stability. L17.5 x 11 x 6 Pitch 15mm Lead Length 20mm	0.15
CAP480	220N 100v Metalised Polyester 220n 100v Metallised Polyester A metallised polyester radial capacitor with self healing performance, high moisture resistance, non-inductive wound construction, wide temperature range, and very high stability. L12.5 x 10 x 6 Pitch 10mm Lead Length 20mm	0.12
CAP482	220N 400v Metalised Polyester 220N 400v Metallised Polyester A metallised polyester radial capacitor with self healing performance, high moisture resistance, non-inductive wound construction, wide temperature range, and very high stability. L17 x 12.5 x 6 Pitch 15mm Lead length 20mm	0.15
CAP486	470N 400v Metalised Polyester 470N 400v Metallised Polyester A metallised polyester radial capacitor with self healing performance, high moisture resistance, non-inductive wound construction, wide temperature range, and very high stability. L18 x 14 x 8 Pitch 15mm Lead length 20mm	0.20
CAP488	1UF 100v Metalised Polyester 1UF 100v Metallised Polyester A metallised polyester radial capacitor with self healing performance, high moisture resistance, non-inductive wound construction, wide temperature range, and very high stability. L18 x 14 x 7.5mm Pitch 15mm Lead length 20mm	0.20
CAP490	1UF 250v Metalised Polyester 1UF 250v Metallised Polyester A metallised polyester radial capacitor with self healing performance, high moisture resistance, non-inductive wound construction, wide temperature range, and very high stability. L23 x 13.5 x 7mm Pitch 20mm Lead length 20mm	0.20
CAP492	1UF 400v Metalised Polyester 1UF 400v Metallised Polyester A metallised polyester radial capacitor with self healing performance, high moisture resistance, non-inductive wound construction, wide temperature range, and very high stability. L23.5 x 19 x 9mm Pitch 20mm Lead length 20mm	0.45

5.4. Metallized Polypropylene Film Capacitor

CAP720	100n (0.1uf)±10% 275VAC X2 Metallized Polypropylene Film Cap. An X2 metallised polypropylene film capacitor designed to provide interference suppression. The capacitor comes in a non-inductive plastic case that is sealed with epoxy resin. Working voltage 275V AC Tolerance 10%	0.30
CAP710	47n (0.047uf)±10% 275VAC X2 Metallized Polypropylene Film Cap. An X2 metallised polypropylene film capacitor designed to provide interference suppression. The capacitor comes in a non-inductive plastic case that is sealed with epoxy resin. Working voltage 275V AC Tolerance 10% Dimensions L x H x D 18 x 11 x 5mm	0.30

5.5. Miniature Polyester

CAP400	1n - 100v	0.08
CAP404	2n2 - 100v	0.08
CAP408	4n7 - 100v	0.08
CAP412	10n - 100v	0.08
CAP416	22n - 100v	0.08
CAP420	47n - 63v	0.08

CAP424	100n - 63v	0.08
CAP428	220n - 63v	0.14
CAP432	470n - 63v	0.20
CAP406	3n3 - 100v	0.08
CAP410	6n8 - 100v	0.08
CAP418	33n - 100v	0.08
CAP430	330n - 63v 330n -63v	0.22
CAP436	1uf - 63v	0.25
CAP402	1n5 - 100v	0.10
CAP414	15n - 100v	0.10

5.6. Multi Layer

CAP300	470pF	0.08
CAP304	1n	0.08
CAP308	2n2	0.08
CAP312	4n7	0.08
CAP316	10n	0.08
CAP320	22n	0.08
CAP324	47n	0.08
CAP328	100n	0.08
CAP332	220n	0.12
CAP336	470n	0.16
CAP306	1n5	0.08
CAP334	330n	0.15
CAP340	1uf	0.16

5.7. NPO Ceramic Capacitor

NPO010	<p>10PF 100v NPO Capacitance10 pF Case StyleRadial Dielectric CharacteristicNPO Height5.5 mm Lead Length7 mm Lead Pitch2.54 mm Length5.5 mm Operating Temperature Range-55°C to +125°C Temperature Coefficient30ppm/°C Terminal TypeWire Leads Tolerance10% TypeMultilayer Working Voltage 100v</p>	0.08
NPO015	<p>15PF 100v NPO Capacitance15 pF Case StyleRadial Dielectric CharacteristicNPO Lead Pitch2.5 mm Operating Temperature Range-55°C to +125°C Temperature Coefficient30ppm/°C Terminal TypeWire Leads Tolerance5% TypeMultilayer Height5.5 mm Length5.5 mm</p>	0.08
NPO018	<p>18PF 100v NPO Capacitance18 pF Case StyleRadial Dielectric CharacteristicNPO Lead Pitch2.5 mm Operating Temperature Range-55°C to +125°C Temperature Coefficient30ppm/°C Terminal TypeWire Leads Tolerance5% TypeMultilayer Height5.5 mm Length5.5 mm</p>	0.08
NPO022	<p>22PF 100v NPO Capacitance22pF Case StyleRadial Dielectric CharacteristicNPO Lead Pitch2.5 mm Operating Temperature Range-55°C to +125°C Temperature Coefficient30ppm/°C Terminal TypeWire Leads Tolerance5% TypeMultilayer Height5.5 mm Length5.5 mm</p>	0.08

NPO027	<p>27PF 100v NPO Capacitance27pF Case StyleRadial Dielectric Characteristic NPO Lead Pitch2.5 mm Operating Temperature Range-55°C to +125°C Temperature Coefficient30ppm/°C Terminal TypeWire Leads Tolerance5% TypeMultilayer Height5.5 mm Length5.5 mm</p>	0.08
NPO033	<p>33PF 100v NPO Capacitance33pF Case StyleRadial Dielectric Characteristic NPO Height5.5 mm Lead Length7 mm Lead Pitch2.54 mm Length5.5 mm Operating Temperature Range-55°C to +125°C Temperature Coefficient30ppm/°C Terminal TypeWire Leads Tolerance10% TypeMultilayer Width3.18 mm</p>	0.08
NPO047	<p>47PF 100v NPO Capacitance47pF Case StyleRadial Dielectric Characteristic NPO Height5.5 mm Lead Length7 mm Lead Pitch2.54 mm Length5.5 mm Operating Temperature Range-55°C to +125°C Temperature Coefficient30ppm/°C Terminal TypeWire Leads Tolerance10% TypeMultilayer Width3.18 mm</p>	0.08
NPO056	<p>56PF 100v NPO Capacitance56pF Case StyleRadial Dielectric Characteristic NPO Lead Pitch2.5 mm Operating Temperature Range-55°C to +125°C Temperature Coefficient30ppm/°C Terminal TypeWire Leads Tolerance5% TypeMultilayer Height5.5 mm Length5.5 mm</p>	0.08
NPO068	<p>68PF 100v NPO Capacitance68pF Case StyleRadial Dielectric Characteristic NPO Lead Pitch2.5 mm Operating Temperature Range-55°C to +125°C Temperature Coefficient30ppm/°C Terminal TypeWire Leads Tolerance5% TypeMultilayer Height5.5 mm Length5.5 mm</p>	0.08
NPO082	<p>82PF 100v NPO Capacitance82pF Case StyleRadial Dielectric Characteristic NPO Lead Pitch2.5 mm Operating Temperature Range-55°C to +125°C Temperature Coefficient30ppm/°C Terminal TypeWire Leads Tolerance5% TypeMultilayer Height5.5 mm Length5.5 mm</p>	0.08
NPO100	<p>100PF 100v NPO Capacitance100pF Case StyleRadial Dielectric Characteristic NPO Height5.5 mm Lead Length7 mm Lead Pitch2.54 mm Length5.5 mm Operating Temperature Range-55°C to +125°C Temperature Coefficient30ppm/°C Terminal TypeWire Leads Tolerance10% TypeMultilayer Width3.18 mm</p>	0.08

NPO120	120PF 100v NPO Capacitance120pF Case StyleRadial Dielectric Characteristic NPO Height5.5 mm Lead Length7 mm Lead Pitch2.54 mm Length5.5 mm Operating Temperature Range-55°C to +125°C Temperature Coefficient30ppm/°C Terminal TypeWire Leads Tolerance10% TypeMultilayer Width3.18 mm	0.08
NPO150	150PF 100v NPO Capacitance150pF Case StyleRadial Dielectric Characteristic NPO Lead Pitch2.5 mm Operating Temperature Range-55°C to +125°C Temperature Coefficient30ppm/°C Terminal TypeWire Leads Tolerance5% TypeMultilayer Height5.5 mm Length5.5 mm	0.08
NPO180	180PF 100v NPO Capacitance180pF Case StyleRadial Dielectric Characteristic NPO Lead Pitch2.5 mm Operating Temperature Range-55°C to +125°C Temperature Coefficient30ppm/°C Terminal TypeWire Leads Tolerance5% TypeMultilayer Height5.5 mm Length5.5 mm	0.08
NPO220	220PF 100v NPO Capacitance220pF Case StyleRadial Dielectric Characteristic NPO Height5.5 mm Lead Length7 mm Lead Pitch2.54 mm Length5.5 mm Operating Temperature Range-55°C to +125°C Temperature Coefficient30ppm/°C Terminal TypeWire Leads Tolerance10% TypeMultilayer	0.10
NPO330	330PF 100v NPO Capacitance330pF Case StyleRadial Dielectric Characteristic NPO Height5.5 mm Lead Length7 mm Lead Pitch2.54 mm Length5.5 mm Operating Temperature Range-55°C to +125°C Temperature Coefficient30ppm/°C Terminal TypeWire Leads Tolerance10% TypeMultilayer	0.10
NPO470	470PF 100v NPO Capacitance470pF Case StyleRadial Dielectric Characteristic NPO Height5.5 mm Lead Length7 mm Lead Pitch2.54 mm Length5.5 mm Operating Temperature Range-55°C to +125°C Temperature Coefficient30ppm/°C Terminal TypeWire Leads Tolerance10% TypeMultilayer Width3.18 mm	0.10
NPO270	270PF 100v NPO Capacitance270pF Case StyleRadial Dielectric Characteristic NPO Lead Pitch2.5 mm Operating Temperature Range-55°C to +125°C Temperature Coefficient30ppm/°C Terminal TypeWire Leads Tolerance5% TypeMultilayer Height5.5 mm Length5.5 mm	0.08

NPO680	680PF 100v NPO Capacitance680pF Case StyleRadial Dielectric Characteristic NPO Lead Pitch2.5 mm Operating Temperature Range-55°C to +125°C Temperature Coefficient30ppm/°C Terminal TypeWire Leads Tolerance5% TypeMultilayer Height5.5 mm Length5.5 mm	0.10
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5.8. Polyester Mylar Film

CAP450	1NF 100v Polyester Mylar Film Capacitor 1NF Polyester Mylar Film Capacitor Capacitance: 1nF Voltage Rating: 100V Tolerance: 10% Operating Temperature Range: -40°C to + 85°C W5.5 D3.0 H9.5 Pitch 4.0mm	0.08
CAP454	2N2 100v Polyester Mylar Film Capacitor 2N2 Polyester Mylar Film Capacitor Capacitance: 2N2 Voltage Rating: 100V Tolerance: 10% Operating Temperature Range: -40°C to + 85°C W5.5 D3.0 H9.5 Pitch 4.0mm	0.08
CAP456	4N7 100v Polyester Mylar Film Capacitor 4N7 Polyester Mylar Film Capacitor Capacitance: 4N7 Voltage Rating: 100V Tolerance: 10% Operating Temperature Range: -40°C to + 85°C W5.5 D3.0 H9.5 Pitch 4.0mm	0.08
CAP458	10NF 100v Polyester Mylar Film Capacitor 10NF Polyester Mylar Film Capacitor Capacitance: 10nF Voltage Rating: 100V Tolerance: 10% Operating Temperature Range: -40°C to + 85°C W5.5 D3.0 H9.5 Pitch 4.0mm	0.08
CAP460	22NF 100v Polyester Mylar Film Capacitor 22NF Polyester Mylar Film Capacitor Capacitance: 22nF Voltage Rating: 100V Tolerance: 10% Operating Temperature Range: -40°C to + 85°C W5.5 D3.0 H9.5 Pitch 4.0mm	0.08
CAP462	47NF 100v Polyester Mylar Film Capacitor 47NF Polyester Mylar Film Capacitor Capacitance: 47nF Voltage Rating: 100V Tolerance: 10% Operating Temperature Range: -40°C to + 85°C W8.0 D11.0 Pitch 6.5mm	0.08
CAP464	100NF 100v Polyester Mylar Film Capacitor 100NF Polyester Mylar Film Capacitor Capacitance: 100nF Voltage Rating: 100V Tolerance: 10% Operating Temperature Range: -40°C to + 85°C W10.0 D5.0 H12.0 Pitch 7.5mm	0.08
CAP466	220NF 50v Polyester Mylar Film Capacitor 220NF Polyester Mylar Film Capacitor Capacitance: 220nF Voltage Rating: 50v Tolerance: 10% Operating Temperature Range: -40°C to + 85°C W14.0 D7.0 H15.5 Pitch 11.0mm	0.12

5.9. Tantalum Bead

CAP500	100n - 35v	0.10
CAP504	220n - 35v	0.10
CAP508	470n - 35v	0.10
CAP512	1µF - 35v	0.16
CAP516	2.2µF - 35v	0.16
CAP520	4.7µF - 35v	0.20
CAP524	10µF - 16v	0.20
CAP528	22uf - 16v	0.25
CAP534	47uf - 10v	0.25
CAP526	10uf - 35v	0.60

5.10. Trimming

CAP600	2-10pF - Yellow	0.35
CAP604	2-22pF - Green	0.35
CAP608	5.5-65pF - Yellow	1.65
CAP606	2-40pf - Purple	0.55

5.11. Variable Capacitor

CAP650	<p>Miniature Tuning Capacitor A miniature tuning capacitor suitable for AM radio circuits and crystal sets. Dimensions 20.2 x 20.2 x 10.8mm Rotation 180° Voltage 100V DC Dielectric Polyethylene film Case material Polypropylene Control shaft Length 10mm, Diameter 6.6mm Antenna capacitance 3.0 - 141.6pF Oscillator capacitance 4.0 - 59.2pF</p>	1.60
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5.12. High Voltage Ceramic Capacitor

HVC250	10nf 2kv Radial Lead Length 25mm Small Package Size	0.30
HVC235	1nf 2kv Radial Lead Length 25mm Small Package Size	0.20
HVC220	10nf 1kv Radial Lead Length 25mm Small Package Size	0.20
HVC275	4N7 3kv Radial Lead Length 25mm Small Package Size	0.20
HVC210	470pf 1kv Radial Lead Length 25mm Small Package Size	0.15
HVC190	100pf 1kv Radial Lead Length 25mm Small Package Size	0.15
HVC200	220pf 1kv Radial Lead Length 25mm Small Package Size	0.15
HVC215	4N7 1kv Radial Lead Length 25mm Small Package Size	0.20
HVC225	100pf 2kv Radial Lead Length 25mm Small Package Size	0.15
HVC230	220pf 2kv Radial Lead Length 25mm Small Package Size	0.15
HVC245	4N7 2kv Radial Lead Length 25mm Small Package Size	0.30
HVC255	100pf 3kv Radial Lead Length 25mm Small Package Size	0.15
HVC260	220pf 3kv Radial Lead Length 25mm Small Package Size	0.15
HVC265	470pf 3kv Radial Lead Length 25mm Small Package Size	0.15
HVC270	2N2 3kv Radial Lead Length 25mm Small Package Size	0.20

6. Carbon Presets

6.1. Carbon Presets

CPR100	PT10H Carbon preset Miniature open single turn horizontal mounting carbon preset rated at 0.1W.	0.15
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Resistance (Ω):	
100	
220	
470	
1K	
2K2	
4K7	
10K	
22K	
47K	
100K	

220K	
470K	
1M	

CPR105	PT10V Carbon preset Miniature open single turn vertical mounting carbon preset rated at 0.1W.	0.15
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Resistance (Ω):	
100	
220	
470	
1K	
2K2	
4K7	
10K	
22K	
47K	
100K	
220K	
470K	
1M	

CPR110	PTE10H Carbon preset Enclosed miniature single turn horizontal mounting carbon preset rated at 0.1W.	0.20
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Resistance (Ω):	
100	
220	
470	
1K	
2K2	
4K7	
10K	
22K	
47K	
100K	
220K	
470K	
1M	

CPR115	PTE10V Carbon preset Enclosed miniature single turn vertical mounting carbon preset rated at 0.1W.	0.20
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Resistance (Ω):	
100	
220	
470	
1K	
2K2	
4K7	
10K	
22K	
47K	
100K	
220K	
470K	
1M	

CPR120	PT15H Carbon preset Large size enclosed single turn horizontal mounting carbon preset rated at 0.25W.	0.25
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Resistance (Ω):	
100	
220	
470	
1K	
2K2	
4K7	
10K	

22K	
47K	
100K	
220K	
470K	
1M	

CPR125	PT15V Carbon preset Large size enclosed single turn vertical mounting carbon preset rated at 0.25W.	0.25
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Resistance (Ω):	
100	
220	
470	
1K	
2K2	
4K7	
10K	
22K	
47K	
100K	
220K	
470K	
1M	

7. Circuit Board

7.1. Copper Clad Board

PCB100	6 x 4 inches single sided PCB	1.30
PCB110	8 x 6 inches single sided PCB	2.50
PCB120	6 x 4 inches double sided PCB	1.40
PCB130	8 x 6 inches double sided PCB	2.65
PCB225	Medium Tip Low Cost Etch Resist Pen	1.99
PCB050	Low Cost Copper Clad Board 6x4 Single sided PCB made from SRBP, a paper based material.	0.85
PCB226	CIF PCB Etch Pen Dalo Pen No Longer Manufactured.	5.00
PCB202	Sodium Persulphate Etch Crystals An alternative etchant, with superior performance compared to standard ferric chloride. Completely odourless Remains clear Does not crystallise out Achieves satisfactory etching in 6 to 8 min. at 45 to 50°C Supplied in packs of approx. 100gm Sufficient for 0.5L of water.	5.50

7.2. Photo Resist Board

PCB210	6x4" Single Sided photo PCB	3.30
PCB211	8x6" Single Sided photo PCB	5.95
PCB212	100x220mm Economy photo PCB	4.50
PCB213	6x4" Double Sided photo PCB	3.50
PCB214	8x6" Double Sided photo PCB	6.50
PCB216	Photo Board Developer 22g pack. Makes 500ml.	1.50

7.3. Stripboard

PCB230	25x64mm 9 strips 25 holes	0.40
PCB231	64x94mm 24 strips 37holes	1.00
PCB232	95x127mm 36 strips 50 holes	1.95
PCB236	Plain Matrix Board (no copper) 127x95mm 0.1"grid	1.80
PCB250	Spot faced Cutter Spot face cutter for cutting the tracks on stripboard.	2.95
PCB233	95x432mm 36 strips 170 holes	6.99

7.4. Tag Board/Strip

TAG100	36way Tag Board A Paxolin base with 2 sets of 18 tinned tags Pitch6.35mm Dimensions117 x 38 x 7.5mm	2.75
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7.5. PCB Support Pillars

PCB260	6.4mm Nylon PCB Support Pillar This PCB Spacer is a dome-shaped spacer designed for a 4mm PCB hole and equipped with a 6.4mm spacer body. Secured by means of a 3.5mm self-tapping screw (not supplied).	0.15
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7.6. Terminal Pins

PCB252	100 single sided pins	1.00
PCB253	100 double sided pins	1.80

8. Connectors

8.1. Audio

CON100	2 Pin Din Plug	0.40
CON103	5 Pin Din Plug 180°	0.45
CON105	6 Pin Din Plug	0.40
CON106	7 Pin Din Plug	0.40
CON107	8 Pin Din Plug	0.50
CON110	2 Pin Din Chassis Socket	0.20
CON112	5 Pin Din Chassis Socket 180°	0.35
CON114	6 Pin Din Chassis Socket	0.35
CON115	7 Pin Din Chassis Socket	0.40
CON116	8 Pin Din Chassis Socket	0.70
CON125	Sleeved Phono Plug - Red	0.25
CON126	Sleeved Phono Plug - Black	0.25
CON130	Sleeved Phono Line Socket - Red	0.25
CON131	Sleeved Phono Line Socket - Black	0.25
CON140	Phono Chassis Socket - Red Centre	0.40
CON141	Phono Chassis Socket - Black Centre	0.40
CON146	Phono In-Line Back/Back Coupler	0.30
CON148	Twin Phono Back/Back Coupler	0.50
CON150	Phono Plug to 2 x Phono Socket Adaptor	0.50
CON152	Phono Plug to 3.5 mono Socket Adaptor	0.50
CON154	2.5mm Jack Plug Mono	0.25
CON156	2.5mm Chassis Socket Mono	0.20
CON158	3.5mm Sleeved Mono Plug	0.45
CON160	3.5mm Mono Line Socket	0.45
CON162	3.5mm Mono Open Chassis Socket	0.30
CON163	3.5mm Mono Switched Socket Chassis or R/A PCB	0.30
CON166	2.5mm Sleeved Stereo Plug	0.50
CON167	2.5mm Stereo Line Socket	0.40
CON169	3.5mm Sleeved Stereo Plug	0.35
CON170	3.5mm Stereo Line Socket	0.55
CON172	3.5mm Stereo Metal Chassis Socket	0.45
CON174	3.5mm Stereo Switched Chassis or PCB Mtg	0.30
CON175	3.5mm Mono Plug to Phono Socket Adaptor	0.50
CON177	3.5mm Mono Plug to 3.5mm Stereo Socket Adaptor	0.60
CON178	3.5mm Stereo Plug to 6.3mm Stereo Skt Adaptor	0.50
CON179	6.3mm Mono Plastic Plug	0.40
CON180	2.5mm Stereo Plug to 3.5mm Stereo Socket Adaptor	0.60
CON182	6.3mm Mono Metal Gold-tip Plug	0.95
CON184	6.3mm Mono Switched Chassis Socket	0.65
CON186	6.3mm Mono Line Socket	0.48
CON188	6.3mm Stereo Sleeved Plug	0.40
CON190	6.3mm Stereo Switched Chassis Socket	0.65
CON192	6.3mm Stereo Line Socket	0.40
CON194	6.3mm Mono Plug to 2x Phono Socket Adaptor	0.75
CON196	6.3mm Stereo Plug to 2x3.5mm Stereo Skt Adaptor	0.95
CON198	6.3mm Mono Plug to Phono Socket Adaptor Plastic	0.65
CON199	6.3mm Mono Plug to Phono Socket Adaptor Metal	0.75

CON101	3 Pin Din Plug	0.40
CON111	3 Pin Din Chassis Socket	0.40
CON104	5 Pin Din Plug 240 ^ø 5 Pin Din Plug 240 ^ø	0.85
CON173	3.5mm Stereo Open Chassis Socket	0.30
CON127	Sleeved Phono Plug - White	0.25
CON128	Sleeved Phono Plug - Blue	0.25

8.2. BNC / R.F. / Coaxial

CON210	BNC Plug 50R Solder	0.95
CON212	BNC Plug 50R Crimp	0.85
CON214	BNC Plug 50R Solderless	0.85
CON216	BNC Chassis Socket - Single hole mounting	0.85
CON218	BNC Chassis Socket - Square flange mounting	0.85
CON220	50R BNC Socket to 50R BNC Socket Coupler	0.75
CON222	50R BNC Plug to 2xBNC Sockets "T"	1.00
CON224	50R BNC Terminator	0.90
CON226	BNC Plug to Phono Socket Adaptor	1.00
CON228	Phono Plug to BNC Socket Adaptor	0.75
CON235	PL259 Plug Built-in Reducer 6mm	1.20
CON237	PL259 Plug for 9mm Cable	1.20
CON239	SO239 Chassis Socket Single hole fixing	1.00
CON242	SO239 Chassis Socket Square flange mtg	1.00
CON244	SO239 Coupler	1.50
CON246	SO239 "T" piece (3 x socket)	2.95
CON248	PL259 to 2xSO239 "T" Adaptor	2.95
CON250	PL259 to BNC Socket Adaptor	2.50
CON252	BNC Plug to SO239 Adaptor	1.95
CON254	Phono Plug to SO239 Adaptor	0.95
CON256	"F" Plug Screw Fix	0.30
CON258	"F" Socket back/back Coupler	0.30
CON230	BNC Socket to SMA Socket	2.50
CON251	PL259 to "N" Socket Adaptor PL259 to "N" Socket Adaptor	3.00
CON247	"N" Plug to SO239 Adaptor "N" Plug to SO239 Adaptor	3.00
CON245	C259 PL259 Male to Male COUPLER	0.95
CON260	"N" Chassis socket single hole fixing "N" Chassis Socket	2.50
CON262	"N" Plug 50 Ohm Solder Type RG58	2.75
CON253	BNC Plug to "N" Socket Adaptor	1.95
CON232	SMA Plug to BNC Socket SMA Plug (male) to BNC Socket Adaptor	2.95
CON221	50R BNC Male to 50R BNC Male Coupler	2.00
CON052	Coax Chassis Socket - Single Hole Fixing Standard 75ohm Coax Socket Single Hole Nut Mounting.	0.60
CON236	PL259 Plug Built-in Reducer 7mm	1.20
CON261	"N" Chassis socket square flange mtg.	2.50
CON263	"N" Plug 50 Ohm Solder Type RG213	2.75
CON205	BNC Plug 50R Solder To Suit RG174	0.95
CON223	BNC Right Angled Coupler 50 Ohm BNC Right Angled Coupler with Gold Plated Pin Contact (Male to Female) 50 Ohm.	1.95
CON233	SMA Plug to SO239 Socket SMA (male) Plug to SO239 (female) Socket	2.95
CON249	Right Angle Coupler PL259 Plug to SO239 Socket	2.50

8.3. Crocodile

CON400	Crocodile clip - 33mm red	0.10
CON401	Crocodile clip - 33mm black	0.10
CON402	Crocodile clip - 33mm blue	0.10
CON403	Crocodile clip - 33mm green	0.10
CON404	Crocodile clip - 33mm yellow	0.10
CON405	Crocodile clip - 33mm white	0.10
CON410	Crocodile clip - 50mm nickel plated steel	0.15
CON412	Crocodile lead set (10 leads) 2 leads of 5 different colours. Leads are 37cm in length.	1.95

8.4. D.C.

CON266	DC Power Plug 1.3mm short reach	0.35
CON268	DC Power Plug 2.1mm short reach	0.40
CON270	DC Power Plug 2.1mm long reach	0.40
CON272	DC Power Plug 2.5mm short reach	0.30
CON274	DC Power Plug 2.5mm long reach	0.30
CON276	DC Power Plug 3.0mm	0.40
CON286	DC Chassis Socket 2.1mm	0.60
CON288	DC Chassis Socket 2.5mm	0.60
CON290	DC Chassis Socket 3.0mm 2 screw fix	0.45
CON300	Cigar Lighter Plug Car Cigar Lighter Plug Fused At 3amp.	1.35
CON294	DC In-Line Socket 2.5mm DC In-Line Female Socket 2.5mm x 5.5mm	0.80
CON267	DC Power Plug 1.7mm short reach DC power plug with soft plastic cover and strain relief. 1.7 x 4 x 10mm	0.40

8.5. Multi Pole

CON310	9 way male "D" type Plug	0.30
CON312	9 way female "D" type Socket	0.30
CON314	15 way high density male Plug	0.50
CON316	15 way high density female Socket	0.65
CON318	23 way male Plug	0.65
CON322	25 way male Plug	0.65
CON324	25 way female Socket	0.65
CON326	9 way plastic cover - grey	0.30
CON328	25 way plastic cover - grey	0.50
CON340	8 pin DIL IC Socket 0.3"	0.06
CON342	14 pin DIL IC Socket 0.3"	0.10
CON344	16 pin DIL IC Socket 0.3"	0.12
CON346	18 pin DIL IC Socket 0.3"	0.12
CON347	20 Pin DIL IC Socket 0.3"	0.14
CON348	24 pin DIL IC Socket 0.6"	0.16
CON350	28 pin DIL IC Socket 0.6"	0.16
CON352	40 pin DIL IC Socket 0.6"	0.24
CON356	28 way ZIF Socket 0.6"	1.20
CON349	24 pin DIL IC Socket 0.3"	0.16
CON353	18 way ZIF Socket 0.3"	2.00
con370	20 Way Turned Pin SIL Header Turned Pin 2.54mm SIL Header, 20 Pins, 3A Current Rating,1000Vrms SIL headers with tin plated turned brass pins, designed to be snapped to the desired length.	1.50

8.6. Single Pole

CON480	4mm Single Pole Socket - Red	0.30
CON482	4mm Single Pole Socket - Black	0.30
CON500	4mm Terminal Post Red Red Binding Post Terminal With 4mm Socket Shrouded 4mm Red test terminal ideal for panel mounting, ideal for audio speaker connectors and other applications where robust high power connections are required. The 4mm end hole is suitable for a wide variety of leads and probes and a strong threaded insert ensures a secure fixing. Body: Brass Spring: Nickel plated Insulation: ABS Mounting hole 8.2mm Contact: Twin nut fastening Length: 44mm Voltage: 30V AC - 60VDC Maximum current rating: 19A	0.50

CON502	<p>4mm Terminal Post Black Black Binding Post Terminal With 4mm Socket Shrouded 4mm black test terminal ideal for panel mounting, ideal for audio speaker connectors and other applications where robust high power connections are required. The 4mm end hole is suitable for a wide variety of leads and probes and a strong threaded insert ensures a secure fixing.</p> <p>Body: Brass Spring: Nickel plated Insulation: ABS Mounting hole 8.2mm Contact: Twin nut fastening Length: 44mm Voltage: 30V AC - 60VDC Maximum current rating: 19A</p>	0.50
CON504	<p>4mm Terminal Post Green Green Binding Post With 4mm Socket Shrouded 4mm Green test terminal ideal for panel mounting, ideal for audio speaker connectors and other applications where robust high power connections are required. The 4mm end hole is suitable for a wide variety of leads and probes and a strong threaded insert ensures a secure fixing.</p> <p>Body: Brass Spring: Nickel plated Insulation: ABS Mounting hole 8.2mm Contact: Twin nut fastening Length: 44mm Voltage: 30V AC - 60VDC Maximum current rating: 19A</p>	0.50
CON484	4mm Single Pole Socket - Green	0.30
CON470	4mm Single Pole Plug - Red 4mm Single Pole Plug Red With Screw Connection	0.50
CON472	4mm Single Pole Plug - Black 4mm Single Pole Plug Black With Screw Connection	0.50
CON474	4mm Single Pole Plug - Green 4mm Single Pole Plug Green With Screw Connection	0.50
CON506	Red Terminal Post 30Amp 30A TOUCH PROOF 4MM TERMINAL POST RED High quality heavy duty touch proof terminal posts with 4mm sockets.	0.95
CON508	Black Terminal Post 30Amp 30A TOUCH PROOF 4MM TERMINAL POST BLACK High quality heavy duty touch proof terminal posts with 4mm sockets.	0.95
CON560	Blue Female 6.3mm Receptacle 100PK	4.95
CON564	Yellow Female 6.3mm Receptacle 100PK	6.95
CON570	Yellow Butt Connector 100 PK	6.95
CON455	2mm Single Pole Plug - Red	0.40
CON456	2mm Single Pole Plug - Black	0.40
CON457	2mm Single Pole Plug - Green	0.40
CON458	2mm Single Pole Plug - Blue	0.40
CON459	2mm Single Pole Plug - Yellow	0.40
CON460	2mm Single Pole Panel Socket - Red	0.40
CON461	2mm Single Pole Panel Socket - Black	0.40
CON462	2mm Single Pole Panel Socket - Green	0.40
CON463	2mm Single Pole Panel Socket - Blue	0.40
CON464	2mm Single Pole Panel Socket - Yellow	0.40
CON476	4mm Single Pole Plug - Yellow 4mm Single Pole Plug Yellow With Screw Connection	0.50
CON486	4mm Single Pole Socket - Yellow	0.30
CON487	4mm Single Pole in Line Socket - Red	0.40
CON488	4mm Single Pole in Line Socket - Black	0.40
CON550	Red Female 6.3mm Receptacle 100PK	4.65

8.7. Terminal

CON430	2 pole chassis mounting push terminal board	0.35
CON432	4 pole chassis mounting push terminal board	0.40
CON440	3A 12 way connector strip	0.40
CON442	5A 12 way connector strip	0.40
CON444	15A 12 way connector strip	0.60
CON448	6A 12 way plugable terminal strip	2.50

9. Crystals

9.1. Crystals

XTL327	3.2768 MHz quartz crystal	0.70
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10. Drills

10.1. Drills

DRLO10	0.8mm High speed steel drill bit	0.50
DRLO15	1.0mm High speed steel drill bit	0.50
DRLO20	1.3mm High speed steel drill bit	0.50
DRLO25	1.5mm High speed steel drill bit	0.50

11. Enclosures

11.1. Die Cast Aluminium

BOX001	52 x 38 x 31mm	3.95
BOX002	92 x 38 x 31mm	5.50
BOX003	111 x 60 x 31mm	4.99
BOX004	120 x 95 x 34mm	7.99
BOX005	120 x 95 x 57mm	9.50
BOX006	150 x 80 x 48mm	9.99
BOX007	187 x 118 x 57mm	12.95

11.2. Multi-purpose ABS Boxes (Self tapping screws)

BOX020	Multi-purpose ABS Box - polished finish 75 x 56 x 25mm	1.15
BOX021	Multi-purpose ABS Box - polished finish 75 x 51 x 27mm	1.10
BOX022	Multi-purpose ABS Box - matt finish 74 x 51 x 26mm	1.30
BOX023	Multi-purpose ABS Box - polished finish 111 x 57 x 22mm	1.20
BOX024	Multi-purpose ABS Box - matt finish 113 x 59 x 24mm	1.50

11.3. ABS Boxes (Brass inserts & machine screws)

BOX030	Multi-purpose ABS Box - polished finish 79 x 61 x 40mm	2.50
BOX031	Multi-purpose ABS Box - polished finish 100 x 76 x 41mm	2.65
BOX032	Multi-purpose ABS Box - polished finish 118 x 98 x 45mm	2.95
BOX033	Multi-purpose ABS Box - matt finish 216 x 130 x 85mm	7.95
BOX034	Multi-purpose ABS Box - polished finish 150 x 100 x 60mm	3.95
BOX035	Multi-purpose ABS Box - matt finish 220 x 150 x 64mm	6.95
BOX036	Multi-purpose ABS Box - matt finish 177 x 120 x 83mm	5.50
BOX037	Multi-purpose ABS Box - polished finish 150 x 80 x 50mm	3.50
BOX038	Multi-purpose ABS Box - matt finish 240 x 190 x 65mm	8.95

11.4. 2 Part ABS Boxes (Self tapping screws)

BOX050	2-part ABS box 178 x 122 x 36mm	2.95
BOX051	2-part ABS box 178 x 122 x 55mm	2.99
BOX052	2-part ABS box 178 x 122 x 74mm	3.10

11.5. Flanged ABS Boxes (Loose Fitting Base With Mounting Flange)

PBL200	Flanged ABS Box-matt finish General purpose ABS box, loose fitting base with mounting flange which can provide a tamper proof housing. Dim: 84 x 65 x 32mm Dim. inc. flange: 105 x 72 x 32mm	1.65
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12. Ferrite Rod Aerials and Toroids

12.1. Ferrite Rod Aerials and Toroids

FRA198	100x10mm round with flattened sides. No coils	1.20
FRA210	Ferrite ring 25mm diameter	0.45
TOR302	T30-2 Iron Dust Core T30-2 Iron Dust Core	0.45
TOR372	T37-2 Iron Dust Core T37-2 Iron Dust Core	0.40
TOR376	T37-6 Iron Dust Core T37-6 Iron Dust Core	0.40
TOR502	T50-2 Iron Dust Core T50-2 Iron Dust Core	0.50
TOR506	T50-6 Iron Dust Core T50-6 Iron Dust Core	0.50
TOR682	T68-2 Iron Dust Core T68-2 Iron Dust Core	0.60
TOR686	T68-6 Iron Dust Core T68-6 Iron Dust Core	0.65
TOR130	T130-2 Micrometals Iron Powder Toroid Micrometals Iron Powder Toroid T130-2: Radio Frequency core for HF Baluns or Output Transformers of Power Amplifiers. Popular for amateur radio applications with typical frequency range up to 40MHz: Broadband frequency range 200 to 400 MHz.	1.65
TOR157	T157-2 Micrometals Iron Powder Toroid Micrometals Iron Powder Toroid T157-2: Radio Frequency core for HF Baluns or Output Transformers of Power Amplifiers. Popular for amateur radio applications with typical frequency range up to 40MHz: Broadband frequency range 200 to 400 MHz.	2.40
TOR750	FT50-43	0.65
FRB100	Ferrite Bead A ferrite bead manufactured in A5 material for placing on insulated cables or formed wire leads to obtain a desired value of inductance. Dimensions 3.5mm diameter, 4.0mm long with centre hole 1.2mm diameter Applications include high frequency suppression in low impedance circuits	0.05
FRB102	Axial Ferrite Bead Inductor Axial Ferrite Bead Inductor, 7A Current, 12MHz to 1GHz Frequency, Used for Noise Suppression and for the Prevention of Spurious Oscillation in Radio Frequency Amplifiers Dimensions: 5 x 3.6mm dia.	0.18
TOR200	T200-2 - Micrometals Torroid T200-2 Torroid made by Micrometal Outside diameter 50.8mm Inside diameter 31.8mm Height 14mm	5.95
TOR760	FT140-43 Amidon Ferrite Toroid Type 43 Material is used for EMI/RFI suppression in the 20 MHz to 250 MHz range. Inner Diameter: 0.900 Outer Diameter: 1.400 Height: 0.500	2.60

13. Fuses

13.1. Fuses

FUS001	20mm Quick blow cartridge fuse - 100mA	0.12
FUS002	20mm Quick blow cartridge fuse - 250mA	0.12
FUS003	20mm Quick blow cartridge fuse - 315mA	0.12
FUS004	20mm Quick blow cartridge fuse - 500mA	0.12
FUS005	20mm Quick blow cartridge fuse - 630mA	0.12
FUS006	20mm Quick blow cartridge fuse - 800mA	0.12
FUS007	20mm Quick blow cartridge fuse - 1A	0.12
FUS008	20mm Quick blow cartridge fuse - 1.25A	0.12
FUS009	20mm Quick blow cartridge fuse - 1.5A	0.12
FUS010	20mm Quick blow cartridge fuse - 1.6A	0.12
FUS011	20mm Quick blow cartridge fuse - 2A	0.12
FUS012	20mm Quick blow cartridge fuse - 3.15A	0.12
FUS013	20mm Quick blow cartridge fuse - 4A	0.12
FUS014	20mm Quick blow cartridge fuse - 5A	0.12
FUS015	20mm Quick blow cartridge fuse - 6.3A	0.12
FUS016	20mm Quick blow cartridge fuse - 8A	0.12
FUS017	20mm Quick blow cartridge fuse - 10A	0.12
FUS032	1.25" Quick blow cartridge fuse - 250mA	0.15
FUS033	1.25" Quick blow cartridge fuse - 500mA	0.15
FUS034	1.25" Quick blow cartridge fuse - 800mA	0.15
FUS035	1.25" Quick blow cartridge fuse - 1A	0.15

FUS036	1.25" Quick blow cartridge fuse - 1.5A	0.15
FUS037	1.25" Quick blow cartridge fuse - 2A	0.15
FUS038	1.25" Quick blow cartridge fuse - 3A	0.15
FUS039	1.25" Quick blow cartridge fuse - 4A	0.15
FUS040	1.25" Quick blow cartridge fuse - 5A	0.15
FUS041	1.25" Quick blow cartridge fuse - 7.5A	0.15
FUS042	1.25" Quick blow cartridge fuse - 10A	0.15
FUS043	1.25" Quick blow cartridge fuse - 15A	0.15
FUS050	20mm Anti-surge cartridge fuse - 100mA	0.22
FUS051	20mm Anti-surge cartridge fuse - 160mA	0.22
FUS052	20mm Anti-surge cartridge fuse - 200mA	0.22
FUS053	20mm Anti-surge cartridge fuse - 250mA	0.22
FUS054	20mm Anti-surge cartridge fuse - 315mA	0.22
FUS055	20mm Anti-surge cartridge fuse - 400mA	0.22
FUS056	20mm Anti-surge cartridge fuse - 500mA	0.22
FUS057	20mm Anti-surge cartridge fuse - 630mA	0.22
FUS058	20mm Anti-surge cartridge fuse - 800mA	0.22
FUS059	20mm Anti-surge cartridge fuse - 1A	0.22
FUS060	20mm Anti-surge cartridge fuse - 1.25A	0.22
FUS061	20mm Anti-surge cartridge fuse - 1.6A	0.22
FUS062	20mm Anti-surge cartridge fuse - 2A	0.22
FUS063	20mm Anti-surge cartridge fuse - 2.5A	0.22
FUS064	20mm Anti-surge cartridge fuse - 3.15A	0.22
FUS065	20mm Anti-surge cartridge fuse - 4A	0.22
FUS066	20mm Anti-surge cartridge fuse - 5A	0.22
FUS067	20mm Anti-surge cartridge fuse - 6.3A	0.22
FUS068	20mm Anti-surge cartridge fuse - 10A	0.22
FUS080	1.25" Anti-surge cartridge fuse - 250mA	0.25
FUS081	1.25" Anti-surge cartridge fuse - 500mA	0.25
FUS082	1.25" Anti-surge cartridge fuse - 630mA	0.25
FUS083	1.25" Anti-surge cartridge fuse - 1A	0.25
FUS084	1.25" Anti-surge cartridge fuse - 1.5A	0.25
FUS085	1.25" Anti-surge cartridge fuse - 2A	0.25
FUS086	1.25" Anti-surge cartridge fuse - 2.5A	0.25
FUS087	1.25" Anti-surge cartridge fuse - 3A	0.25
FUS088	1.25" Anti-surge cartridge fuse - 5A	0.25
FUS089	1.25" Anti-surge cartridge fuse - 8A	0.25
FUS090	1.25" Anti-surge cartridge fuse - 10A	0.25
FUS091	1.25" Anti-surge cartridge fuse - 15A	0.25
FUS150	3a 1" Domestic Plug Fuse	0.15
FUS155	5a 1" Domestic Plug Fuse	0.15

13.2. Fuseholders

FSH100	20mm Panel mounting fuseholder	0.50
FSH102	32mm Panel mounting fuseholder	0.70
FSH104	20mm PCB fuseholder	0.20
FSH106	20mm Chassis mounting fuseholder	0.20
FSH108	32mm In-line Fuseholder Pre-wired	0.65
FSH110	20mm In-line Fuseholder Pre-wired 5a 250v	0.55
FSH114	Standard Blade Fuse Holder Fuse holder suitable for standard blade fuses up to 30A.	1.85

13.3. Radial Lead Thermal Fuses

FUS100	77°C Thermal fuse	0.50
FUS101	85°C Thermal fuse	0.50
FUS102	91°C Thermal fuse	0.50
FUS103	98°C Thermal fuse	0.50
FUS104	112°C Thermal fuse	0.50
FUS105	124°C Thermal fuse	0.50
FUS106	130°C Thermal fuse	0.50
FUS107	145°C Thermal fuse	0.50
FUS108	151°C Thermal fuse	0.50

13.4. Automotive Standard Blade Fuses

FUS200	3a Standard Blade Fuse A range of automotive standard flat blade fuses of the most commonly used in cars and trucks. The blade fuses are made with copper plated contacts.	0.20
FUS202	5a Standard Blade Fuse A range of automotive standard flat blade fuses of the most commonly used in cars and trucks. The blade fuses are made with copper plated contacts.	0.20
FUS204	7.5a Standard Blade Fuse A range of automotive standard flat blade fuses of the most commonly used in cars and trucks. The blade fuses are made with copper plated contacts.	0.20
FUS206	10a Standard Blade Fuse A range of automotive standard flat blade fuses of the most commonly used in cars and trucks. The blade fuses are made with copper plated contacts.	0.20
FUS208	15a Standard Blade Fuse A range of automotive standard flat blade fuses of the most commonly used in cars and trucks. The blade fuses are made with copper plated contacts.	0.20
FUS210	20a Standard Blade Fuse A range of automotive standard flat blade fuses of the most commonly used in cars and trucks. The blade fuses are made with copper plated contacts.	0.20
FUS212	25a Standard Blade Fuse A range of automotive standard flat blade fuses of the most commonly used in cars and trucks. The blade fuses are made with copper plated contacts.	0.20
FUS214	30a Standard Blade Fuse A range of automotive standard flat blade fuses of the most commonly used in cars and trucks. The blade fuses are made with copper plated contacts.	0.20

14. Ham Radio

14.1. Ham Radio

ANT050	HW-20HP This is an off centre fed dipole The M0CVO HW-20HP. This is an off centre fed dipole incorporating the M0CVO 4:1 balun at the feedpoint enabling it to be fed directly with 50ohm coaxial cable. The M0CVO HW-20HP, 6 bands - 20, 17, 15, 12, 10 & 6m, no ATU, no traps, no losses will also work on 30m & 40m with an ATU. Big performance from a small footprint - only 10.14m in length mount as horizontal, inverted vee or sloper.	43.95
ANT100	LW-20 Long Wire Antenna The LW-20 is an end fed long wire aerial which incorporates the M0CVO 9:1 UNUN at the feedpoint enabling it to be fed directly with 50ohm coaxial cable. The 9:1 UNUN also removes static noise and provides a DC path to earth. Capable of handling up to 400W RF (full UK limit). LW-20: 20m in length, this will work on all bands from 80m - 6m via an ATU. Big performance from a small footprint. Gives excellent results where space is at a premium. However, please note that due to the varying impedance found on any long wire antenna, the built in AATU in your average transceiver will not be able to cope with all bands. For full band coverage you will need an external ATU or some form of capacitive loading system. This can be a simple L or T match.	43.95
ANT150	MAGITUNER The Magituner can be used with random lengths of wire. Rated at 400W CW or 550W PEP and is IP65 rated so can be used on marine vessels. The Magituner can be used with any length of wire >=8m. With an 8m length it will tune from 40m - 6m and at >=10m from 80m and up.	32.95

15. Heatshrink Sleeving

15.1. Heatshrink Sleeving

HSS001	Heatshrink sleeving: 1.6mm Priced per metre.	0.40
HSS002	Heatshrink sleeving: 2.4mm Priced per metre.	0.40
HSS003	Heatshrink sleeving: 3.2mm Priced per metre.	0.40
HSS004	Heatshrink sleeving: 4.8mm Priced per metre.	0.40
HSS005	Heatshrink sleeving: 6.4mm Priced per metre.	0.50
HSS006	Heatshrink sleeving: 9.5mm Priced per metre.	0.60
HSS007	Heatshrink sleeving: 12.7mm Priced per metre.	0.70
HSS009	Heatshrink sleeving: 20mm Priced per metre.	1.10
HSS010	Heatshrink sleeving: 25mm Priced per metre.	1.80

16. Heatsinks

16.1. Heatsinks

HSK100	TO-5 Heatsink Push on finned heatsink suitable for TO-5 transistors	0.30
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HSK110	TO220 Heatsink Finned	0.40
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17. Kits

17.1. Kits

KIT001	A.M. Radio Project (Practical Wireless Magazine) An easy to build radio kit based on the MK484 (TA7642). All components supplied including the PCB and tuning capacitor except the high impedance (32Ω) headphones. Featured in the January 2009 issue of the Practical Wireless Magazine.	5.95
KIT002	Audio Amplifier Kit (TBA820M 1.2 watts) This amplifier kit comes complete with PCB and uses the popular TBA820M ic which is capable of generating 1.2watts output.	5.99
KIT004	VHF/UHF PREAMPLIFIER Radio User Sep. 2012 VHF/UHF PREAMPLIFIER KIT RADIO USER SEPT. 2012	2.95
KIT010	Resistor Kit 0.5watt This kit contains 985 pieces, divided into 8 packs containing 0.5W 5% carbon film resistors. There are a total of 58 different values.	15.95
KIT020	Electrolytic Capacitor Kit Kit Contains 85 Assorted Electrolytic Capacitors From 1uf to 1000uf.	3.99
KIT025	Ceramic Capacitor Kit Kit Contains 200 Assorted Ceramic Disc Capacitors From 10pf to 100nf.	4.99
KIT030	Mylar Polyester Film Kit	3.99

18. Knobs

18.1. Knobs

NOB120	Control Knob 20.3mm Matt Black Control Knob, Grubscrew Type, 20,3mm Knob Diameter, 6.35mm Shaft Size, White Painted Square Mark Indicator, To fit 6.35mm Spindles, With Serrated Finger-grip Sides	0.45
NOB160	Control Knob-Black/Silver Cap-White Line-19.5mm Dia. A 19.5mm diameter control knob with an attractive spun aluminium inlay. Fit controls with 6.35mm (¼in.) shafts Material: phenolic plastic White indicator line Set screw fixing	0.50
NOB170	Control Knob-Black/Silver Cap-White Line-26.8mm Dia. A 26.8mm diameter control knob with an attractive spun aluminium inlay. Fit controls with 6.35mm (¼in.) shafts Material: phenolic plastic White indicator line Set screw fixing	0.70
NOB115	Control Knob 15.5mm Matt Black Control Knob, Grubscrew Type, 15.5mm Knob Diameter, 6.35mm Shaft Size, White Painted Square Mark Indicator, To fit 6.35mm Spindles, With Serrated Finger-grip Sides	0.40
NOB125	Control Knob 24.0mm Matt Black Control Knob, Grubscrew Type, 24.0mm Knob Diameter, 6.35mm Shaft Size, White Painted Square Mark Indicator, To fit 6.35mm Spindles, With Serrated Finger-grip Sides	0.55
NOB130	Control Knob 34.8mm Matt Black Control Knob, Grubscrew Type, 34.8mm Knob Diameter, 6.35mm Shaft Size, White Painted Square Mark Indicator, To fit 6.35mm Spindles, With Serrated Finger-grip Sides	0.70
NOB100	Black Pointer Control Knob Black Pointer Control Knob, White Line Indicator. Grub screw fixing For 6.35mm (0.25in) spindles	0.45
NOB105	Calibrated Control Knob 37mm Aluminium Inlay Control Knob 37mm Diameter. Grubscrew Fixing Shaft Size 6.35mm. Black and Aluminium Colour, Printed Numbers (1 to 10)	0.95
NOB180	Control Knob-Black/Silver Cap-White Line-45mm Dia. A 45mm diameter control knob with an attractive spun aluminium inlay. Fit controls with 6.35mm (¼in.) shafts Material: phenolic plastic White indicator line Set screw fixing	1.20

19. Leads

19.1. Audio

ADL001	2 Phono to 2 phono 1.2m lead	1.20
ADL005	2 Phono to 2 phono 2.5m lead	1.50
ADL010	2 Phono to 2 phono 5.0m lead	1.95
ADL015	3 Phono to 3 phono 1.5m lead	1.95
ADL020	4 Phono to 4 phono 1.2m lead	1.95
ADL025	2 Phono to 3.5mm stereo plug 1.2m lead	1.50
ADL030	2 Phono to 3.5mm stereo plug 5.0m lead	1.95
ADL035	3.5mm Stereo plug to 3.5mm stereo plug 1.2m lead	1.50
ADL040	3.5mm Stereo plug to 3.5mm stereo socket 3.0m lead	1.95

20. Loudspeakers

20.1. Ear Pieces

SPK015	8 ohm Ear piece - 2.5mm jack plug	0.50
SPK016	8 ohm Ear piece - 3.5mm jack plug	0.75
SPK017	Crystal ear piece - 3.5mm jack plug	1.50

20.2. Microphone Inserts

SND020	Microphone insert. PCB pins Operating voltage: 1.5V - 10V. Height: 7mm. Diameter: 9.8mm.	0.65
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20.3. Miniature Speakers

SPK001	Paper cone loudspeaker - 2" 8 ohm	0.95
SPK002	Paper cone loudspeaker - 2.25" 8 ohm	0.95
SPK003	Paper cone loudspeaker - 2.5" 8 ohm	1.50
SPK004	Paper cone loudspeaker - 2.5" 64 ohm	1.10
SPK005	Paper cone loudspeaker - 3" 8 ohm	1.95

21. Modules

21.1. Modules

MOD110	DC-DC Step Up Voltage Converter Input range : 3V ~ 32V Output range : 5V ~ 35V Input current : 4 A (maximum) Conversion efficiency : < 94% Switching frequency : 400 KHz Output ripple : 50 mV Load regulation : ±0.5% Voltage regulation : ±0.5% Working temperature : - 40 ~ + 85 Overall dimensions : 43 mm * 14 mm * 21 mm (length * width * height)	2.95
MOD115	DC-DC Step Down Voltage Converter Input voltage: 3.2V-40V Output voltage: 1.25V-35V output current: 3A(max) Transfer efficiency:92%(max) Switching Frequency:65KHz Module Size: 43mm(length)*21mm(width)	2.95

22. Motors

22.1. Motors

MOT001	6v Motor 19 x 31mm. Square mounting flange 25 x 25mm. Spindle D: 2.4mm, L: 20mm.	0.95
MOT002	9v Motor 19 x 31mm. Square mounting flange 25 x 25mm. Spindle D: 2.4mm, L: 20mm.	0.95
MOT003	10.5v Motor 19 x 31mm. Square mounting flange 25 x 25mm. Spindle D: 2.4mm, L: 20mm.	0.95
MOT004	12v Motor 19 x 31mm. Square mounting flange 25 x 25mm. Spindle D: 2.4mm, L: 20mm.	0.95
MOT020	Johnson 600 Series Motor 4.8-9v The numbers on the motor are 64370 / 341831 Reversible 3 - pole electric motor with integral cooling fan High torque originally manufactured for use in power tools, these motors are of the highest quality and recognised as one of the most useful model motors currently on the market. Very popular for model boats and with suitable gearbox for electric flying models. No Load speeds approx. 4.8V 1.7A 8500 RPM 6V 1.9A 12000 RPM 7.2V 1.9A 13500 RPM 9V 2A 20000 RPM Dimensions: L65mm, D38mm, Shaft diameter 3.2mm Purchased as 4.8-9v but appear to work quite happily on 12v	3.99

23. Opto Electronics

23.1. LED Clips

OPT050	Standard 3mm One-Part Clip A One-Part Clip For Mounting 3mm Leds In Panels upto 3mm. Fits Hole Diameter Of 4.4mm	0.05
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OPT055	Standard Two-Part 5mm LED Clip A Two-Part 5mm Led Mounting Clip With Locking Ring At The Rear. Bezel: 8mm. Cut-out: 6.5mm	0.06
OPT060	10mm LED Clip, One Piece Push Fit Attractive push fit panel clips for 10mm LEDs in black nylon offering professional appearance at low cost. * Mounting hole 14mm diameter	0.20

23.2. LEDs

OPT100	Standard 3mm LED - Red	0.10
OPT102	Standard 3mm LED - Green	0.10
OPT104	Standard 3mm LED - Yellow	0.10
OPT106	Standard 3mm LED - Amber	0.12
OPT110	Standard 5mm LED - Red	0.10
OPT112	Standard 5mm LED - Green	0.10
OPT114	Standard 5mm LED - Yellow	0.10
OPT116	Standard 5mm LED - Amber	0.12
OPT120	3mm LED 9-12V Flashing - Red	0.40
OPT122	3mm LED 9-12V Flashing - Green	0.40
OPT124	3mm LED 9-12V Flashing - Yellow	0.40
OPT130	5mm LED 9-12V Flashing - Red	0.40
OPT132	5mm LED 9-12V Flashing - Green	0.40
OPT134	5mm LED 9-12V Flashing - Yellow	0.40
OPT140	5mm LED 4.5V 100mcd - Blue Package type: Transparent Wavelength: 430nm	1.00
OPT142	5mm LED 4.0V 300mcd - White	1.00
OPT150	3mm LED with panel mounting chrome bezel - Red	0.40
OPT160	5mm LED bi-colour - Red/green 2 pin	0.25
OPT162	5mm LED tri-colour - Red/green/yellow 3 pin	0.25
OPT170	3mm LED ultra bright - Red	0.15
OPT172	5mm LED super bright 1000mcd - Red	0.15
OPT174	5mm LED ultra bright 4500mcd - Red	0.30
OPT176	8mm LED ultra bright 1600mcd - Red	0.35
OPT178	10mm LED ultra bright 1600mcd - Red	0.35
OPT141	5mm LED 4.5V 450mcd - Blue Package type: Diffused blue Wavelength: 468nm	1.50
OPT143	5mm LED 4.0V 3200mcd - White	1.99
OPT145	5mm White 12v High Bright Led 12v High Bright White Wire Ended Led	0.40
OPT144	5mm round top White Ultra- Bright LED light 20000MCD Forward Voltage 3.0min, 3.4v typ. If = 20ma 20000mcd.	0.40

23.3. BAYONET Lamp

MBC006	Bayonet Lamp - 6v 1 watt A 6V 1W miniature lamp with a BA9s base and dimensions of 10 x 28mm.	0.80
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23.4. MES Lamps

MES001	MES Lamp - 1.5v 300mA	0.15
MES002	MES Lamp - 2.5v 200mA	0.15
MES003	MES Lamp - 3.5v 300mA	0.15
MES004	MES Lamp - 6.0v 60mA	0.15
MES005	MES Lamp - 6.5v 150mA	0.20
MES006	MES Lamp - 6.5v 300mA	0.15
MES007	MES Lamp - 12v 200mA	0.15
MES010	MES Lens ended bulb - 2.2v - 250mA Produces a focused beam of light. Used in torches etc.	0.20
MES015	MES Flashing Lamp - 1.5v 200mA	0.30
MES016	MES Flashing Lamp - 2.5v 200mA	0.30
MES017	MES Flashing Lamp - 6v 200mA	0.30
MES020	MES Lamp holder White MES battenholder with screw connections. 23mm fixing centres	0.45
MES025	Miniature MES Lamp holder MES lampholder with solder tag connections. Accepts all MES lamps. 10mm diameter. 11mm high.	0.15

23.5. WIRE END Lamps

OPT250	6v 60ma Miniature Grain of Wheat Clear Bulb Clear Wire Ended Grain of Wheat Bulb 150mm lead	0.30
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OPT255	12v 80ma Miniature Grain of Wheat Clear Bulb A T1 12V 80mA clear grain of wheat wire ended filament lamp. Supplied with 150mm lead for easy connection to circuits. Ideal for use in a variety of equipment and circuit applications.	0.40
OPT260	12v 5mm Filament Lamp Wire Ended 5mm 12V wire ended bulb, ideal for applications such as back lighting and scale illumination. Dimensions: 5mm dia x 11mm Lead length 23mm	0.30

23.6. Other

OPT180	ORP12 Light dependant resistor (LDR)	0.85
OPT185	TIL32 Infra-red source 3mm	0.40
OPT186	TIL78 Infra-red sensor 3mm	0.40
OPT190	Seven segment display: 0.3" Red Common Anode	0.65
OPT191	Seven segment display: 0.3" Red Common Cathode	0.65
OPT192	Seven segment display: 0.3" Green Common Anode	0.65
OPT193	Seven segment display: 0.3" Green Common Cathode	0.65
OPT200	M34-1 1Hz LED flashing controller IC	0.60
OPT202	M34-2 2Hz LED flashing controller IC	0.60
OPT210	Slotted opto switch (TIL143) Consists of an infra red source and transistor.	1.20
OPT196	Seven segment display: 1" Red Common Anode	1.20
OPT197	Seven segment display: 1" Green Common Anode	1.20
MOD100	Flashing Led Module * Applications include dummy car alarm warning light, light switch locator for dark corridors, warning signs and modelling projects * Enclosed battery box with built-in on/off switch * High brightness red 5mm LED * LED is partly recessed into a circular foam pad which is self-adhesive on the top surface for easy mounting behind a panel hole * Battery box dimensions: 69 x 34 x 19mm * Lead length approx. 180mm * LED PCB approx. 18mm square	2.99
OPT182	MINI Light Dependant Resistor (LDR) A compact light dependent resistor (LDR) housed in a compact 5mm diameter package. * Radial leads with 3.4mm pitch * Lead free terminals. Light resistance at 10 Lux50-100K. Dark resistance (10 sec. after shut off 10 Lux) 20M Ω	0.70
LUX100	Luxeon Star 1watt Led Luxeon Star 1watt Led 3.5v 350ma 3.99v max.	1.95
OPT212	Bargraph Display DIL A ten element bargraph display comprising ten intensity matched superbright red LEDs housed in a 20-pin DIL package to form a neat compact display which may be end stacked to create bar graphs of various lengths.	0.95
OPT198	Seven segment display: 1" Red Common Cathode Seven segment common cathode displays. These have the pins across the top and bottom.	1.20
OPT199	Seven segment display: 1" Green Common Cathode Seven segment green common cathode displays with pins across the top and bottom	2.25
OPT195	Seven segment display: 0.52" Super Bright Red Common Cathode A 13.2mm seven segment display. Right hand decimal, low current operation, super bright red LED display. Common cathode with pins top and bottom.	0.80
OPT214	Blue LCD Module 1602A Blue LCD Module 1602A 16x2 HD44780	3.95

24. Potentiometers

24.1. Potentiometers

POT001	V24 standard potentiometer - Linear Carbon linear tracks. 25mm diameter. Mounting hole 9.5mm.	0.85
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Resistance (Ω):	
470	
1K	
2K2	
4K7	
10K	
22K	
47K	
100K	
220K	
470K	
1M	
2M	

POT002	V24 standard potentiometer - Log Carbon logarithmic tracks. 25mm diameter. Mounting hole 9.5mm.	0.85
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Resistance (Ω):		
470		
1K		
2K2		
4K7		
10K		
22K		
47K		
100K		
220K		
470K		
1M		
2M		

POT003	V24 standard potentiometer - Linear switched Carbon linear tracks. D.p. switch. 25mm diameter. Mounting hole 9.5mm.	2.45
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Resistance (Ω):		
470		
1K		
2K2		
4K7		
10K		
22K		
47K		
100K		
220K		
470K		
1M		
2M		

POT004	V24 standard potentiometer - Log switched Carbon logarithmic tracks. D.p. switch. 25mm diameter. Mounting hole 9.5mm.	2.45
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Resistance (Ω):		
470		
1K		
2K2		
4K7		
10K		
22K		
47K		
100K		
220K		
470K		
1M		
2M		

POT010	V16 Miniature carbon potentiometer - Linear Single turn carbon potentiometer. 16mm diameter. Splined 6.3 diameter spindle.	0.85
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Resistance (Ω):		
5K		
10K		
50K		
100K		
1M		

POT011	V16 Miniature carbon potentiometer - Log Single turn carbon potentiometer. 16mm diameter. Splined 6.3 diameter spindle.	0.85
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Resistance (Ω):		
5K		
10K		
50K		
100K		
1M		

POT015	10 Turn 100R Potentiometer Body diameter: 23mm. Mounting hole: 9.5mm. Spindle 12 x 6mm diameter.	2.65
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25. Power Supplies

25.1. Power Supplies

PSU060	AC/DC Adaptor with 12V DC Cigarette Lighter Socket 12v DC/800ma. Ideal for charging mobile phone batteries and other 12v DC items.	6.99
PSU070	Regulated Power Supply With Variable Output Voltage 20V / 2A 0 - 20V 2A Regulated PSU Housed in a solid case Fixed mains lead Illuminated mains switch Output via red (+) , and black (-) 4mm terminal sockets 2 panel-meters for analogue display of voltage and current 	44.99
PSU050	6/12V 500mA LEAD ACID BATTERY CHARGER A plug-in charger designed for use with 6V or 12V lead acid batteries. Suitable for charging 5Ah batteries. Output voltage selected with slide switch Supplied with a 1.8m 2.1mm DC power plug and a detachable flylead with crocodile clips Reverse polarity and over-current protection	9.95

26. Relays

26.1. Sub-Miniature Relays

SMR050	6v DC Sub-min. relay SPDT 3A 100R coil 6v Coil Contacts SP/DT Rated 10a 120v AC, 10a 24v DC, 5a 250v AC Dim. 19 x 15 x 15mm	1.35
SMR055	12v DC Sub-min relay SPDT 3A 400R coil 12v Coil Contacts SP/DT Rated 10a 120v AC, 10a 24v DC, 5a 250v AC Dim. 19 x 15 x 15mm	1.35
SMR030	5v DC Sub-min. relay SPDT 1A 69R coil 5v Coil Contacts SP/DT Rated 1a 120v AC, 1a 24v DC, Dim. 12.4 x 7.4 x 9.9mm	1.50
SMR035	12v DC Sub-min. relay SPDT 1A 400R coil 12v Coil Contacts SP/DT Rated 1a 120v AC, 1a 24v DC, Dim. 12.4 x 7.4 x 9.9mm	1.50

26.2. Heavy Duty 12v DC Relays

HDR100	Omron G2R-2 12v DC Omron G2R-2 12v DC DP/CO Contacts 5amp 250v AC / 30v DC Coil res: 275 ohm Dim: 29 x 13 x 25.5mm	2.85
HDR120	12v 30a Car Relay Car Type Relay 12v 30amp SP/ST 4Pin Plug-in With Spade Terminals. 25x25x23mm (25x25x35 inc. spades).	2.95

27. Resistors

27.1. Resistors

CFR025	Carbon film resistor - 0.25w 5%	0.02
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Resistance (Ω):	
1.0	
1.2	
1.5	
1.8	
2.2	
2.7	
3.3	
3.9	
4.7	
5.6	
6.8	
8.2	
10	
12	
15	
18	
22	
27	

33	
39	
47	
56	
68	
82	
100	
120	
150	
180	
220	
270	
330	
390	
470	
560	
680	
820	
1K	
1K2	
1K5	
1K8	
2K2	
2K7	
3K3	
3K9	
4K7	
5K6	
6K8	
8K2	
10K	
12K	
15K	
18K	
22K	
27K	
33K	
39K	
47K	
56K	
68K	
82K	
100K	
120K	
150K	
180K	
220K	
270K	
330K	
390K	
470K	
560K	
680K	
820K	
1M	
1M2	
1M5	
1M8	
2M2	
2M7	
3M3	
3M9	
4M7	
5M6	

6M8	
8M2	
10M	

CFR050	Carbon film resistor - 0.50w 5%	0.02
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Resistance (Ω):	
1.0	
1.2	
1.5	
1.8	
2.2	
2.7	
3.3	
3.9	
4.7	
5.6	
6.8	
8.2	
10	
12	
15	
18	
22	
27	
33	
39	
47	
56	
68	
82	
100	
120	
150	
180	
220	
270	
330	
390	
470	
560	
680	
820	
1K	
1K2	
1K5	
1K8	
2K2	
2K7	
3K3	
3K9	
4K7	
5K6	
6K8	
8K2	
10K	
12K	
15K	
18K	
22K	
27K	
33K	
39K	
47K	
56K	

68K	
82K	
100K	
120K	
150K	
180K	
220K	
270K	
330K	
390K	
470K	
560K	
680K	
820K	
1M	
1M2	
1M5	
1M8	
2M2	
2M7	
3M3	
3M9	
4M7	
5M6	
6M8	
8M2	
10M	

CFR101	Carbon film resistor - 100ohm 2watt 5% Carbon film resistor - 100ohm 2watt 5%	0.20
CFR102	Carbon film resistor - 1Kohm 2watt 5% Carbon film resistor - 1Kohm 2watt 5%	0.20
CFR103	Carbon film resistor - 10Kohm 2watt 5% Carbon film resistor - 10Kohm 2watt 5%	0.20
CFR104	Carbon film resistor - 100Kohm 2watt 5% Carbon film resistor - 100Kohm 2watt 5%	0.20

28. Semiconductors

28.1. PIC Microcontrollers

PIC100	PIC16F84-04/P	3.95
PIC200	PIC16F690-I/P	1.99
PIC001	PIC10F200-I/PG Low-cost, high performance, 8-bit, fully static, FLASH-based CMOS microcontroller # 4 I/O pins # 33 12-bit wide instructions # 4MHz internal clock, 1µs instruction cycle # 8-bit real time clock/counter with 8-bit programmable prescaler	1.10
PIC030	PIC12F508-I/P 8-Bit Flash Microcontroller, PIC12F5xx Family, 2V to 5.5V Supply Voltage, 0.75KB Flash Memory, 25Bytes SRAM Data Memory, 6 I/O Pins, 1 Timers, 4MHz Clock Speed, 8-DIP Case, These are Low-cost, High-performance, 8-bit, Fully Static, Flash-based CMOS Microcontrollers	1.10
PIC040	PIC12F629-I/P Package Type: 8pin DIP Program Memory (KB) 1.75 CPU Speed (MIPS) 5 RAM Bytes 64 Timers 1 x 8-bit, 1 x 16-bit Comparators 1 Temperature Range (C) -40 to 125 Operating Voltage Range (V) 2 to 5.5 Pin Count 8	1.10
PIC035	PIC16F628-I/P PIC16f628-I/P	2.95

28.2. Bridge Rectifiers

BRC190	W005 - 1.5A - 50v	0.25
BRC192	W02 - 1.5A - 200v	0.25
BRC194	W04 - 1.5A - 400v	0.25
BRC196	W06 - 1.5A - 600v	0.28
BRC198	W08 - 1.5A - 800v	0.30

BRC200	BRL202 - 2A - 200v	0.40
BRC210	BRL401 - 4A - 100v	0.70
BRC212	BR6005 - 6A - 50v	0.70
BRC214	BR604 - 6A - 400v	1.10
BRC216	FB1004 - 10A - 400v	1.65
BRC218	FB2502 - 25A - 200v	1.95
BRC220	FB2504 - 25A - 400v	2.30
BRC222	FB35005 - 35A - 50v	1.95
BRC224	FB3506 - 35A - 600v	3.50
BRC204	BRL204(KBP04) 2A - 400V	0.65

28.3. Opto Couplers

OPT300	4N25	0.45
OPT305	4N35	0.55
OPT320	CQY80NG	0.45

28.4. Rectifier Diodes

SRD130	1N4001 50v 1A	0.05
SRD132	1N4002 100v 1A	0.05
SRD134	1N4003 200v 1A	0.05
SRD136	1N4004 400v 1A	0.05
SRD138	1N4005 600v 1A	0.06
SRD140	1N4006 800v 1A	0.06
SRD142	1N4007 1000v 1A	0.06
SRD144	1N5400 50v 3A	0.10
SRD146	1N5401 100v 3A	0.10
SRD148	1N5402 200v 3A	0.10
SRD150	1N5404 400v 3A	0.12
SRD152	1N5406 600v 3A	0.12
SRD154	1N5408 1000v 3A	0.15
SRD160	6A 50v	0.30
SRD170	10A 50V	0.65
SRD162	6A 1000v 6A10 1000V 6A Rectifier Diode	0.35

28.5. Schottky Diode

SCH110	1N5819	0.18
SCH108	1N5817 1N5817	0.18
SCH100	1N5711 1N5711	0.18

28.6. Signal Diodes

GPS100	BAT41 General purpose silicon schottky 150mA 100v	0.12
GPS102	BAT42 General purpose silicon schottky 200mA 30v	0.12
GPS108	BAT85 High speed silicon schottky 200mA 30v	0.18
GPS118	1N4148 150mA 75v	0.05
GPS122	OA91/CV7130 50mA 115v	0.55
GPS124	1N34A Germanium Diode	0.65
GPS104	BAT43 Silicon Schottky	0.15
GPS121	OA90 Germanium Diode	0.50
GPS106	BAT83 Ultra High Speed Switching Schottky Diode 60v BAT83	0.18
GPS105	BAT46 Silicon Schottky 100v	0.15
GPS112	BAV21 Small Signal 250v 200ma	0.08

28.7. Thyristors

SCR100	2N5061 60v 0.8A	0.35
SCR102	2P4M 400v 2A	0.35
SCR104	TIC106D 400v 4A	0.40
SCR106	TIC116D 400v 8A	0.85
SCR108	TIC126D 400v 12A	1.00

SCR101	P0102 400v 0.8amp SCR P0102 400v 0.8amp SCR TO92 Package	0.45
SCR120	TYN640RG 600v 25A	2.45
SCR112	BT151-800R 800v 12A	0.85

28.8. Transistors

TRA102	BC107	0.30
TRA104	BC108	0.30
TRA106	BC109	0.40
TRA108	BC109C	0.40
TRA110	BC142	0.50
TRA115	BC182L	0.12
TRA116	BC182LB	0.12
TRA118	BC183L	0.12
TRA120	BC184L	0.12
TRA126	BC212L	0.12
TRA128	BC213L	0.12
TRA130	BC214L	0.12
TRA132	BC214LB	0.12
TRA140	BC327	0.12
TRA142	BC328	0.12
TRA144	BC337	0.12
TRA146	BC338	0.12
TRA150	BC441	1.00
TRA152	BC461	1.00
TRA156	BC546	0.12
TRA159	BC547B	0.12
TRA160	BC548	0.12
TRA162	BC549	0.12
TRA164	BC556	0.12
TRA166	BC557B	0.12
TRA168	BC558B	0.12
TRA170	BC559B	0.14
TRA172	BC639	0.16
TRA174	BC640	0.16
TRA176	BCY70	0.45
TRA178	BCY71	0.45
TRA180	BD131	0.58
TRA182	BD132	0.58
TRA184	BD135	0.44
TRA186	BD136	0.44
TRA188	BD139	0.44
TRA190	BD140	0.44
TRA200	BD237	0.52
TRA202	BD238	0.52
TRA204	BD241C	0.55
TRA206	BD242C	0.55
TRA220	BD441	0.45
TRA221	BD442	0.80
TRA240	BDW93C	0.85
TRA241	BDW94C	0.85
TRA246	BDX33C	0.65
TRA248	BDX34C	0.65
TRA254	BF185	0.42
TRA260	BF180	0.80
TRA272	BF199	0.40
TRA274	BF200	0.35
TRA276	BF244A	0.40
TRA282	BF259	0.44
TRA290	BF324	0.33
TRA310	BF459	0.42
TRA312	BF479	0.70
TRA314	BF494	0.30
TRA500	BFX85	0.38
TRA510	BFY50	0.55

TRA512	BFY51	0.50
TRA514	BFY52	0.45
TRA516	BFY90	1.95
TRA600	MPSA13	0.18
TRA602	MPSA42	0.18
TRA604	MPSA92	0.18
TRA610	TIP31C	0.55
TRA612	TIP32C	0.65
TRA614	TIP41C	0.65
TRA616	TIP42C	0.65
TRA620	TIP120	0.60
TRA626	TIP125	0.60
TRA628	TIP126	0.60
TRA630	TIPP32A	0.65
TRA632	TIP3055	0.95
TRA640	ZTX300	0.40
TRA646	ZTX450	0.28
TRA650	ZTX500	0.22
TRA656	ZTX550	0.30
TRA660	ZTX651	0.60
TRA670	ZTX653	0.55
TRA676	ZTX751	0.48
TRA680	ZTX753	0.65
TRA690	2N918	1.20
TRA700	2N2222A	0.40
TRA710	2N2369A	0.48
TRA720	2N2907A	0.35
TRA730	2N3053	0.55
TRA740	2N3055	1.20
TRA744	2N3391	0.30
TRA746	2N3819	0.45
TRA750	2N3702	0.14
TRA752	2N3703	0.14
TRA754	2N3704	0.14
TRA756	2N3705	0.14
TRA758	2N3706	0.14
TRA759	2N3866	2.50
TRA760	2N3904	0.14
TRA762	2N3906	0.14
TRA766	2N4093	0.45
TRA770	2N4401	0.20
TRA772	2N4403	0.20
TRA780	2N6027	0.55
TRA800	2N7000	0.40
TRA802	2SA733	0.20
TRA810	2SA1006	1.30
TRA860	2SC945	0.20
TRA880	2SC1815Y	0.20
TRA890	2SC1959Y	0.20
TRA900	2SD1266A	0.90
TRA530	IRF540	1.20
TRA782	2N6028	0.48
TRA631	TIP2955	1.30
TRA550	MPF102	0.60
TRA520	IRF510	0.90
TRA718	2N2905A	0.65
TRA540	IRF640	0.95
TRA776	2N4427	3.50
TRA548	MJ2955 PNP TO3 60V 15A 150W	1.95
TRA534	IRF610	1.80
TRA622	TIP122 TIP122 Darlington NPN	0.50
TRA136	BC237B BC237B	0.15
TRA545	MFE201 (3N201) MFE201 (3N201)	3.50

TRA532	IRL540NPBF IRL540NPBF "N" Channel Mosfet 100v 36a TO220	1.50
TRA154	BC517 BC517 NPN Darlington Transistor	0.30
TRA163	BC550 BC550 NPN General Purpose Transistor	0.35
TRA525	IRF530	0.95
TRA112	BC177	0.30
TRA518	BS170 N Channel Mosfet	0.30
TRA608	MPSW45A NPN Darlington	0.45
TRA636	VN10LP "N" Channel Mosfet "E" Line	0.60
TRA420	BSX20	0.55
TRA536	IRF630	0.95
TRA280	BF256B	0.60
TRA275	BF241	0.40
TRA228	BD679	0.60
TRA229	BD680	0.60
TRA138	BC307B	0.30
TRA523	IRF5210BPF "P" Channel Mosfet	3.00
TRA544	IRF840	1.20
TRA606	MPSH10	0.40
TRA609	STP55NF06 Power MOSFET, N-Channel	1.20
TRA216	BD437	0.65
TRA217	BD438	0.65
TRA701	PN2222A	0.40
TRA696	2N2219A	1.40
TRA519	J309	0.50
TRA279	BF245C	0.50

28.9. Triacs

TIC100	TIC206C 200v 4a	0.40
TIC102	TIC206D 400v 4a	0.68
TIC104	TIC226D 400v 8a	0.90
TIC106	TIC236D 400v 12a	1.30
TIC108	BT139-600 600v 16a	1.50
TIC110	BTA 12-600 600v 12a	1.30
TIC112	BR100 Bi-directional trigger diode	0.22

28.10. Voltage Regulators - Fixed

REG050	78L05 +5v 100mA	0.30
REG052	78L12 +12v 100mA	0.30
REG054	78L15 +15v 100mA	0.30
REG056	79L05 -5v 100mA	0.35
REG058	79L12 -12v 100mA	0.35
REG060	79L15 -15v 100mA	0.45
REG100	7805 +5v 1A	0.35
REG102	7805S +5v 1A insulated tab	0.30
REG104	7806 +6v 1A	0.40
REG106	7808 +8v 1A	0.50
REG108	7809 +9v 1A	0.55
REG110	7812 +12v 1A	0.30
REG112	7815 +15v 1A	0.40
REG114	7818 +18v 1A	0.55
REG116	7824 +24v 1A	0.50
REG118	7905 -5v 1A	0.45
REG120	7906 -6v 1A	0.45
REG122	7912 -12v 1A	0.45
REG124	7915 -15v 1A	0.45
REG126	7918 -18v 1A	0.55
REG128	7924 -24v 1A	0.48
REG051	78L06 + 6v 100ma 78L06 + 6v 100ma TO92	0.30
REG053	78L08 + 8v 100ma	0.40

REG055	78L18 + 18v 100ma	0.30
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28.11. Voltage Regulators - Variable

REG140	LM317LZ 100mA +1.2-37v	0.38
REG142	LM317MP 500mA	0.60
REG144	LM317T 1.5A +1.2-37v	0.50
REG146	LM338T 5A +1.2-37v	1.75
REG148	LM337T 1.5A -1.2-37v	0.85
REG150	TL431CLP Precision shunt regulator	0.35
REG152	RC4194D Dual rail +/- 50mv to +/- 35v 14 pin	4.95
REG154	LM723 +2-37v	0.45
REG160	L200CV Adjustable Regulator 2A Output Voltage 2.85v to 36v 2A	2.20

28.12. Zener Diodes

BZX100	1.3W Zener Diode	0.12
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Rating:	
4.7V	
5.1V	
5.6V	
6.2V	
6.8V	
7.5V	
8.2V	
9.1V	
10V	
11V	
12V	
13V	
15V	
16V	
18V	
20V	
22V	
24V	
27V	
30V	
33V	
36V	
39V	
43V	
47V	
51V	

BZY100	400mW Zener Diode	0.08
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Rating:	
2.4V	
3.0V	
3.3V	
3.6V	
3.9V	
4.3V	
4.7V	
5.1V	
5.6V	
6.2V	
6.8V	
7.5V	
8.2V	
9.1V	
10V	
11V	
12V	

13V		
15V		
16V		
18V		
20V		
22V		
24V		
27V		
30V		
33V		
36V		
ZEN150	1.5KE15A TVS Diode 71A Transient Voltage Suppressor	0.55
ZEN160	1N5245B 15v 500mw	0.15

28.13. 4000 Series

MOS001	4000B	0.35
MOS005	4001B	0.30
MOS010	4002B	0.35
MOS015	4007B	0.35
MOS020	40106B	0.55
MOS025	4011B	0.40
MOS030	4012B	0.40
MOS035	4013B	0.75
MOS040	4016B	0.35
MOS045	4017B	0.45
MOS050	4020B	0.55
MOS055	4021B	0.55
MOS060	4022B	0.55
MOS065	4025B	0.40
MOS070	4026B	0.90
MOS075	4027B	0.45
MOS080	4028B	0.50
MOS085	4030B	0.35
MOS090	4040B	0.55
MOS095	4042B	0.65
MOS100	4043B	0.45
MOS105	4047B	0.55
MOS110	4049UB	0.35
MOS115	4066B	0.35
MOS120	4069UB	0.36
MOS125	4070B	0.35
MOS130	4071B	0.35
MOS135	4072B	0.40
MOS140	4073B	0.40
MOS145	4075B	0.45
MOS150	4081B	0.35
MOS155	4093B	0.40
MOS160	4099B	0.60
MOS165	4510B	0.70
MOS170	4511B	0.55
MOS175	4512B	0.55
MOS180	4518B	0.65
MOS185	4520B	0.65
MOS190	4528B	0.70
MOS112	4060B	0.50
MOS038	4015B	0.35
MOS014	HEF4006BP HEF4006BP	1.50
MOS104	4046B	0.65
MOS062	4024BCN	0.40
MOS200	4541B	0.65
MOS111	4050BE	0.35

28.14. 7400 Series

TTL100	7400	0.35
TTL104	7403	0.38
TTL106	7404	0.38
TTL108	7406	0.58
TTL110	7407	0.60
TTL112	7408	0.42
TTL114	7410	0.38
TTL126	7438	0.60
TTL142	7474	0.50
TTL150	7486	0.55
TTL160	74121	0.55
TTL155	7493 (DM5493AN)	0.60

28.15. 74HCT Series

HCT070	74HCT273	0.55
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28.16. 74LS Series

LSS001	74LS00	0.35
LSS005	74LS01	0.28
LSS010	74LS02	0.45
LSS015	74LS03	0.34
LSS020	74LS04	0.40
LSS025	74LS05	0.45
LSS030	74LS08	0.30
LSS035	74LS09	0.30
LSS040	74LS10	0.28
LSS045	74LS107	0.50
LSS050	74LS11	0.28
LSS055	74LS12	0.30
LSS060	74LS122	0.50
LSS065	74LS123	0.55
LSS070	74LS125	0.40
LSS075	74LS126	0.35
LSS080	74LS13	0.38
LSS085	74LS132	0.40
LSS090	74LS136	0.45
LSS095	74LS138	0.40
LSS100	74LS14	0.36
LSS105	74LS15	0.28
LSS110	74LS151	0.45
LSS115	74LS153	0.40
LSS120	74LS157	0.40
LSS125	74LS158	0.45
LSS130	74LS160	0.65
LSS135	74LS161	0.55
LSS140	74LS163	0.55
LSS145	74LS164	0.48
LSS150	74LS174	0.45
LSS155	74LS175	0.45
LSS160	74LS193	0.90
LSS165	74LS20	0.30
LSS170	74LS21	0.30
LSS175	74LS244	0.50
LSS180	74LS245	0.50
LSS185	74LS26	0.28
LSS190	74LS27	0.32
LSS195	74LS30	0.30
LSS200	74LS32	0.30
LSS205	74LS373	0.60
LSS210	74LS374	0.60
LSS215	74LS38	0.32

LSS220	74LS393	0.60
LSS225	74LS47	0.70
LSS230	74LS51	0.40
LSS235	74LS73	0.48
LSS240	74LS74	0.35
LSS245	74LS75	0.40
LSS250	74LS76	0.50
LSS255	74LS83	0.50
LSS260	74LS85	0.55
LSS265	74LS86	0.30
LSS270	74LS90	0.90
LSS275	74LS93	0.50
LSS162	74LS194 74LS194	0.58
LSS172	74LS221	1.20
LSS274	74LS92	1.75
LSS102	74LS148	1.25

28.17. CA Series

CAS100	CA3140E	0.60
CAS120	CA3130E	1.40

28.18. INA Series

INA100	INA-02186 INA-02186 Low Noise Cascadable MMIC Amplifier	1.50
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28.19. LF Series

LFS100	LF351	0.55
LFS110	LF353	0.65
LFS120	LF356	0.85

28.20. LM Series

LMS100	LM301	0.45
LMS102	LM311	0.35
LMS104	LM318	1.70
LMS106	LM319	1.65
LMS108	LM324	0.35
LMS110	LM339	0.30
LMS112	LM348	0.48
LMS114	LM358	0.35
LMS120	LM380	1.35
LMS124	LM386	0.75
LMS130	LM393	0.35
LMS134	LM710	0.80
LMS138	LM741	0.30
LMS140	LM747	0.80
LMS144	LM748	0.45
LMS148	LM1458	0.32
LMS150	LM2904N	0.45
LMS152	LM2917	3.45
LMS154	LM13600	3.95
LMS158	LM3900	0.90
LMS160	LM3914	2.65
LMS162	LM3915	3.20
LMS155	LM13700	1.95
LMS126	LM386-4 LM386-4 0.7watt Audio Amp 8 Pin Dil	0.99
LMS149	LM1875T 20 watt Audio Amp.	2.99

28.21. MAX Series

MAX100	MAX232CPE RS232 Line Driver/Receiver	2.25
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28.22. NE Series

NES100	NE555	0.25
NES102	NE556	0.35
NES106	NE567	0.70
NES110	NE5532	0.60
NES112	NE5534	0.60
NES130	NE602AN/SA602AN SA602AN Double-balanced mixer/oscillator	2.95

28.23. OP Series

OPA270	OP27GPZ The OP27GPZ is a low noise, precision operational amplifier that comes in a DIL-8 package.	3.25
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28.24. RC Series

RCS100	RC4558P RC4558P High Performance Op-Amp	0.60
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28.25. TBA Series

TBA820	TBA820M	1.65
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28.26. TL Series

TLO100	TL061	0.45
TLO110	TL062	0.70
TLO120	TL071	0.50
TLO130	TL072	0.50
TLO140	TL074	0.70
TLO150	TL081	0.48
TLO160	TL082	0.55
TLO170	TL084	0.55
TLC050	TLC271CP Programmable Op Amp TLC271CP Programmable Op Amp	0.55
TLO070	TLO26CPE TLO26CPE Op-Amp	2.50
TLO115	TL064	0.45

28.27. TDA Series

TDA100	TDA2002	1.65
TDA102	TDA2003	1.85
TDA104	TDA2004	3.30
TDA110	TDA2030	1.65
TDA112	TDA2050	3.45
TDA120	TDA2611A	2.20
TDA130	TDA7000	3.50
TDA124	TDA2822M 1 watt Stereo Audio Amp	1.00

28.28. Timer IC's

ICS100	NE555	0.25
ICS102	ICM7555	0.45
ICS104	NE556	0.35
ICS106	ICM7556	1.00

28.29. ULN Series

ULN100	ULN2003A	0.55
ULN110	ULN2004A	0.55
ULN120	ULN2803A	0.80

29. Service Aids

29.1. Service Aids

SAD100	Heat transfer compound. 25g Tube	3.50
SAD102	IC Extraction tool	1.80
SAD106	Helping Hands Useful for holding components while soldering.	3.95
SAD108	10 piece Needle file set in plastic wallet	5.99
SAD150	Solderless prototype board - 400 tie points Prototype board for fast and economical circuit prototyping. Two sets of 30 rows of 5 interconnected contact sockets, along with 4 rows of 25 interconnected sockets for use as power supply rails.	4.25
SAD152	Solderless prototype board - 840 tie points Two sets of 64 rows of 5 interconnected contact sockets, along with 4 rows of 50 interconnected sockets for use as power supply rails.	7.99
SAD130	Servisol Super 10 Switch Cleaning Lubricant Servisol Super 10 Switch Cleaning Lubricant 200ml	3.99
SAD200	TO220 Mounting Kits Kit Contents 10 Mica Washers and 10 Bushes, To Suit TIP31A, 7805, etc	1.80
SAD140	Self-Amalgamating Tape Self Amalgamating / Self Fusing Rubber Tape, 10mx19mm (LxW)	4.99
SAD151	Solderless prototype board - 830 tie points	4.95
SAD155	Male-Male Bread Board Jumper Wires 65x piece Mixed Pack 10cm = 45pcs, 15cm = 10pcs 20cm = 5pcs, 25cm = 5pcs	1.99

30. Solar Cells

30.1. Solar Cells

SLP200	0.45v 400mA Solar cell (encapsulated) 45 x 75mm. Screw terminals.	3.65
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31. Soldering Equipment

31.1. Soldering Equipment

SOL100	Antex 18W Iron including 13A plug	27.95
SOL102	Antex 25W Iron including 13A plug	27.95
SOL110	Antex ST4 Stand including cleaning sponge	7.99
SOL120	Antex 18W spare tip - 1mm	3.95
SOL122	Antex 18W spare tip - 2.3mm	3.95
SOL124	Antex 18W spare tip - 3.0mm	3.95
SOL126	Antex 18W spare tip - 4.7mm	3.95
SOL130	Antex 25W spare tip - 1mm	3.95
SOL132	Antex 25W spare tip - 2.3mm	3.95
SOL134	Antex 25W spare tip - 3.0mm	3.95
SOL136	Antex 25W spare tip - 4.7mm	3.95
SOL140	100g Reel 22swg 60/40 Tin/Lead Solder	5.99
SOL150	High Quality Desoldering Tool - Teflon Tip	4.95
SOL152	Replacement Teflon Tip	1.00
SOL144	500gm Reel 22swg 60/40 Tin/Lead Solder	26.95
SOL146	500g Reel 18swg 60/40 Tin/Lead Solder	26.95
SOL148	Standard DeSoldering Tool Standard desoldering pump for fast and efficient removal of excess solder. Features a heat resistant silicone nozzle. Replacement nozzles are also available.	2.99
SOL156	Solder Mop A specially treated braided wick which draws up molten solder, leaving joints clean for removal of components. Width 2.5mm Length 1.5m Supplied on plastic dispenser	1.65
SOL139	5mtr 22swg 60/40 Solder	1.50
SOL160	Antex Replacement Element For CS18W 230v	10.50
SOL114	Antex Model "C" 15W spare tip - 1mm	3.65
SOL116	Antex Model "C" 15W spare tip - 2.3mm	3.65
SOL165	Antex Replacement Element For XS25W 230v	10.55
SOL154	Soldering Iron Sponge Soldering Iron Sponge, 60mm x 85mm x 10mm, Compatible with Antex Soldering Stands and Stations.	1.40

32. Sounders

32.1. Buzzers

SND001	Miniature transistor electronic buzzer 3v	0.80
SND002	Miniature transistor electronic buzzer 6v	0.80

SND003	Miniature transistor electronic buzzer 9v	0.80
SND004	Miniature transistor electronic buzzer 12v	0.80
SND005	PCB mounted buzzer 12v Miniature electronic PCB buzzer. Operating voltage 7-15v. D:12 x H:9.5mm. Pitch:6.5mm	1.00

32.2. Piezo Sounders

SND010	Piezo sounder 12v 10mA 90dB D:32 x H:14mm	0.95
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32.3. Piezo Buzzer Discs

SND015	25mm Piezo disc with wires	0.50
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33. Switches

33.1. Push Button Switches

PTM100	Miniature SP. momentary push Switch - red button	0.25
PTM110	Miniature SP. momentary push to break - black button	0.70
PTM120	Momentary push to make 12mm fixing 3A 250V AC - Red	0.60
PTM122	Momentary push to make 12mm fixing 3A 250V AC - Black	0.60
PTM130	Latching push to make 12mm fixing 3A 250V AC - Red	0.65
PTM132	Latching push to make 12mm fixing 3A 250V AC - Black	0.65

33.2. Rotary Switches

RSW100	Rotary Switch - 1 Pole 12 way	1.30
RSW110	Rotary Switch - 2 Pole 6 way	1.30
RSW120	Rotary Switch - 3 Pole 4 way	1.30
RSW130	Rotary Switch - 4 Pole 3 way	1.30

33.3. Rocker Switches

RKS100	Miniature SPST Rocker Black 6A	0.55
RKS110	Miniature DPST Rocker Black 6A	0.70
RKS120	Miniature DPST Rocker with Red Neon 6A	0.95
RKS130	Miniature SPST Rocker with Green Neon 6A	0.95
RKS140	Standard 16A SPST Rocker	0.65

33.4. Mercury Tilt Switches

MSW100	Mercury Tilt Switch Housed in a Nickel Plated Steel case	1.50
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33.5. Key Switches

KEY100	SPST Sub-Miniature Tubular Key	2.20
KEY110	SPST Sub-Miniature Standard Key	2.95

33.6. Slide Switches

SSW100	Miniature DPDT 19mm fixing centers	0.20
SSW110	Standard DPDT 28mm fixing centres	0.30
SSW112	Standard DPDT centre off 28mm fixing centres	0.30

33.7. Miniature Toggle Switches

MTS100	Sub-Miniature SP Rated 3A 125v AC	0.60
MTS102	Sub-Miniature DPDT Rated 3A 125v AC	0.85
MTS110	Miniature SPDT Rated 6A 125v AC, 3A 250v AC	0.85
MTS112	Miniature SPDT Centre Off	0.90
MTS114	Miniature SPDT On-Off-(On) ((On) = Biased)	0.70
MTS116	Miniature SPDT On-Off-(On) Long Lever	0.75
MTS120	Miniature DPDT Rated 6A 125v AC, 3A 250v AC	0.95
MTS126	Miniature 3P/CO rated 6A 250v AC	1.50
MTS130	Miniature 4P/CO Centre Off	2.50

33.8. Standard Toggle Switches

STS100	SPST with on-off plate rated 1.5A 250v AC	1.00
STS102	DPDT with on-off plate rated 1.5A 250v AC	1.30
STS104	SPDT Plastic Toggle rated 3A	0.70
STS106	SPST rated 10A 150V AC	1.95
STS108	DPDT rated 10A 250v AC	2.55

34. Telephone Accessories

34.1. Telephone Accessories

TEL001	BT style master socket - screw terminal	3.25
TEL002	BT style extension socket - screw terminal	2.00
TEL010	Telephone extension lead 3m	2.95
TEL011	Telephone extension lead 5m	2.95
TEL012	Telephone extension lead 10m	3.95
TEL013	Telephone extension lead 15m	3.65
TEL014	Telephone extension lead 20m	3.95
TEL020	BT style 2-way adaptor Allows connection of two pieces of equipment into one UK telephone socket.	1.85
TEL021	BT style 3-way adaptor Allows connection of three pieces of equipment into one UK telephone socket.	2.85
TEL022	BT plug - RJ11 socket Adaptor for converting from a standard UK telephone socket to a modular RJ11 socket.	1.85
TEL023	RJ11 plug - BT socket Adaptor for converting from a modular RJ11 socket to a standard UK telephone socket.	1.85
TEL030	IDC insertion tool All plastic IDC tool for use on standard BT IDC sockets.	0.30
TEL040	Telephone Ringer / Flasher Gives a visible as well as audible indication of an incoming call. This unit connects to a standard telephone socket. Excellent quality.	8.99
TEL015	Telephone Extension Lead 10mtr To Double Socket Adaptor	4.95

35. Test Equipment

35.1. Test Equipment

DMT155	3A moving coil panel meter Size: 51mm x 45mm	4.95
DMT160	100uA Moving Coil Panel Meter Size: 76mm x 60mm x 36.5mm	8.95
DMT165	30v moving coil panel meter 60x70mm	8.95
DMT180	Test Leads - 4mm Shrouded Plugs	1.75
DMT170	4.5-30v DC Digital Volt Meter Red 4.5-30v DC Digital Push Fit Panel Mounting Volt Meter Red Display Operating Current: <60mA. Display: 0.56 "LED, red. Measurement accuracy: 1%. Dim: 48 x 29mm Cutout: 45.5 x 26.5	3.95
DMT172	4.5-30v DC Digital Volt Meter Blue 4.5-30v DC Digital Push Fit Panel Mounting Volt Meter Blue Display Display: 0.56 "LED Blue Measurement accuracy: 1%. Dim: 48 x 29mm Cutout: 45.5 x 26.5	3.95
DMT174	Mini Voltmeter 3.3-30v DC Measuring range: DC 3.3V-30V Display Color: Red. Operating current: Less than 20mA. Operating temperature: -10°C -65°C. Input impedance: About 100K. Size: 2.3cm x 1.4cm Note: Image shows failing battery	2.95

DMT134	Digital Multimeter 32 Test Ranges Inc. Capacitance Supplied with shrouded test leads, shockproof rubber holster and 9V PP3 battery Auto power off Continuity test function Transistor test function Reading hold function AC current 2mA - 10A DC current 2mA - 10A AC voltage 200mV - 600V DC voltage 200mV - 600V Capacitance 20nF-200µF Resistance 200 Ohms - 200M Ohms Dimensions 190 x 90 x 33mm	13.99
DMT164	10ma Moving Coil Panel Meter 60x48mm	4.95
DMT182	Test Clip Red - Spring Loaded A red probe with plunger action ideal for making contact to component leads ic/transistor pins etc on high density PCBs Overall length 57mm Max. voltage 50V	0.40
DMT184	Test Clip Black - Spring Loaded A black probe with plunger action ideal for making contact to component leads ic/transistor pins etc on high density PCBs Overall length 57mm Max. voltage 50V	0.40

36. Thermistors

36.1. Thermistors

THM001	NTC Disc Thermistor - 300R / 24R Resistance at 25°C: 300R, 100°C: 24R.	0.30
THM002	NTC Disc Thermistor - 1K / 90R Resistance at 25°C: 1K, 100°C: 90R	0.30
THM003	NTC Disc Thermistor - 5K / 300R Resistance at 25°C: 5K, 100°C: 300R	0.30
THM004	NTC Disc Thermistor - 20K / 1K Resistance at 25°C: 20K, 100°C: 1K	0.30
THM005	NTC Disc Thermistor - 100K / 5K Resistance at 25°C: 100K, 100°C: 5K	0.30

37. Special Offers

37.1. Special Offers

SOP001	100 1N4148 signal diodes	1.00
SOP003	50 1N4002 rectifier diodes	1.00
SOP004	50 1N4007 rectifier diodes	1.00
SOP005	15 1N5401 rectifier diodes	1.00
SOP006	5 W02 1.5A bridge rectifiers	1.00
SOP008	5 7805S (insulated tab) voltage regulators	1.00
SOP009	5 7812 voltage regulators	1.00
SOP010	20 BC182L NPN transistors	1.00
SOP011	20 BC212L PNP transistors	1.00
SOP012	20 BC327 PNP transistors	1.00
SOP013	20 BC337 NPN transistors	1.00
SOP014	20 BC547B NPN transistors	1.00
SOP015	20 BC557B PNP transistors	1.00
SOP016	20 BC548B NPN transistors	1.00
SOP017	20 BC558B PNP transistors	1.00
SOP018	10 BC639 NPN transistors	1.00
SOP019	10 BC640 PNP transistors	1.00
SOP020	20 Assorted transistors	1.00
SOP021	4 LM741 op. amp	1.00
SOP022	4 LM1458 dual op. amp	1.00
SOP023	4 LM324 quad op. amp	1.00
SOP027	5 x 555 timer IC's	1.00
SOP028	15 3mm LED's Choose from red, green, or yellow.	1.00

Color:		
Red		
Green		
Yellow		

SOP029	15 5mm LED's Choose from red, green, or yellow.	1.00
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Color:		
Red		
Green		
Yellow		
SOP030	12 5mm amber LED's	1.00
SOP031	12 3mm amber LED's	1.00
SOP032	1 5mm white LED 300mcd 4.0v	1.00
SOP033	1 5mm blue LED 100mcd 4.5v	1.00
SOP035	25 4 μ 7 25v radial capacitors	1.00
SOP036	25 10 μ F 25v radial capacitors	1.00
SOP037	25 22 μ F 25v radial capacitors	1.00
SOP038	20 47 μ F 16v radial capacitors	1.00
SOP039	20 100 μ F 16v radial capacitors	1.00
SOP040	15 220 μ F 16v radial capacitors	1.00
SOP041	10 PP3 battery snaps (high quality)	1.50
SOP042	20 8 pin DIL sockets	1.00
SOP043	15 14 pin DIL sockets	1.00
SOP044	15 16 pin DIL sockets	1.00
SOP045	1 28 pin ZIF socket	1.20
SOP046	4 Stripboard - 9 tracks x 25 holes	1.00
SOP048	100 100mm cable ties	1.00
SOP049	10 Insulated crocodile clips (5 different colours)	1.00
SOP052	1 Ferrite Rod 100 x 10mm	1.00
SOP055	5 3.5mm mono plugs including panel socket	1.00
SOP062	1 500pF Postage Stamp Trimmer	1.00
SOP066	0.25W 5% Resistor kit - 5 off each value 10R to 1M	2.99
SOP067	0.25W 5% Resistor kit - 10 off each value 10R to 1M	4.99
SOP070	MK484 Radio IC including data	1.00
SOP071	M34-1 1Hz IC - includes 3 h.b. LED's	1.00
SOP072	M34-2 2Hz IC - includes 3 h.b. LED's	1.00
SOP073	4 OA91/CV7130 Diodes	2.00
SOP074	12 1N5408 rectifier diodes	1.00
SOP076	50 1N4001 rectifier diodes	1.00

38. Transformers

38.1. Transformers

TXM100	LT44 Audio Transformer LT44 Miniature Audio Transformer Prim: 20K Sec: 1K centre tapped	1.60
TXM110	LT700 Audio Output Transformer LT700 Miniature Audio Output Transformer Primary: 1.2K center tapped Secondary: 3.2 ohm	1.85

