

Auckland VHF Group Inc.

Branch 66, N.Z.A.R.T.

Trading Table List

August 2008 (May 2010 Edit)

IMPORTANT NOTE: THIS LIST, VERSION 4.12 HAS NOT YET BEEN THOROUGHLY CHECKED TO CONFIRM THAT EVERYTHING LISTED HEREIN IS STILL AVAILABLE. OUR APOLOGIES IN ADVANCE IF WHAT YOU WANT IS NOT AVAILABLE. THE LIST WILL BE UPDATED AND CHECKED FOR ACCURACY AS SOON AS POSSIBLE.

**P.O. Box 10-138
Dominion Road
Auckland 1446
New Zealand.**

V.4.12 E & O.E.

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Introduction:

The Auckland VHF Group Inc., Branch 66 of the New Zealand Association of Radio Transmitters (N.Z.A.R.T.) is an amateur radio club and the Trading Table operation exists primarily as a service to members of the club.

The club owns and operates a number of amateur radio repeaters and beacons, all of which require regular maintenance and incur operating costs (power, etc.) The on-going development and upkeep of the repeater and beacon sites and equipment uses profits from the Trading Table operation.

This Trading Table list represents a best effort by volunteer workers to list those items that we try to keep in stock most of the time. Many conventional leaded components are becoming harder to obtain as the state-of-the-art in electronics moves more and more to surface mount technology

In addition to the components listed in this booklet, the club has a large range of other electronic items, circuit boards, surplus items, cable, etc. which are donated to the club from time-to-time. These are not listed here but may be viewed at any time by visiting the clubrooms on one of our open days, or at any meeting night.

When are we open?

On Meeting Nights: The clubrooms in Hazel Ave, Mt Roskill, are open from 19:30 to about 2200 on the 2nd and last Monday nights in each month. Access can be arranged at other times by contacting the Trading Table Manager: Franc Dunatov ZL1SLO (09-829-2003) or by email to franc@ihug.co.nz

Clubrooms open on Saturdays: Clubrooms and Trading Table are open from time-to time as the Group's resources permit. For information on dates and times, please listen out on the Sunday night news & net on the 146.625MHz repeater at 2015; look in the latest issue of Spectrum magazine; or go to the Group's web site. You are very welcome to come along and browse - or even buy!

The Trading Table can also be found at the Hamilton Market Day and other selected junk sales throughout the year.

Ordering by Mail:

We will do our best to supply the listed components by mail order (via e-mail or snail mail). Remember we are a volunteer operation, and as such your order will be dealt with as quickly as possible but will be dependent on the available time to process mail orders. Please include an additional \$3.50 per order (within New Zealand) to cover postage and packaging. Courier delivery can be arranged at cost. Please contact us for details. Overseas postage will be quoted at time of inquiry.

Mail orders should be addressed to: Trading Table,
Auckland VHF Group Inc.,
P.O. Box 10-138
Dominion Road
Auckland 1446

Or by email to: franc@ihug.co.nz

Prices and Payment Options:

To try and offer components at the lowest price possible, the Trading Table does not have EFTPOS or Credit Card facilities. Payments by cash, cheque or electronic funds transfer are the only available options. Prices shown are inclusive of GST. The Club is not registered for GST and cannot produce GST invoices. Receipts will be provided if necessary.

We encourage anyone who would purchase from the Trading Table to join the VHF Group and receive SPECTRUM magazine. This will ensure you receive up-to-date parts availability, and new component lists.

For more information about the Auckland VHF Group, and a membership application form, please contact the Secretary, Auckland VHF Group Inc., P.O. Box 10 138, Dominion Road Auckland 1446.

This booklet is a “best effort” to list the components and devices we have reasonable stock of. However, we are unable to guarantee that the particular item you want will still be available. Please check with the Trading Table Manager for availability, particularly for items shown as “limited quantity”.

Passive Components

Capacitors, Ceramic Plate

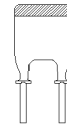
63V working - range of values are:

0.68pF, 0.82pF, 1.0pF, 1.2pF, 1.8pF, 2.2pF, 2.7pF, 3.3pF, 4.7pF, 5.6pF, 6.8pF, 10pF, 12pF, 15pF, 18pF, 22pF, 27pF, 33pF, 47pF, 56pF, 68pF, 120pF, 150pF, 180pF, 220pF, 270pF, 330pF, 470pF, 560pF, 680pF, 820pF, 1.0nF, 1.5nF, 1.8nF, 2.2nF, 4.7nF.

220pF N750 100V

1nF 500V

Packed in bags of 10 for 50c/bag.



Capacitors, Disk Ceramic

50V working - range of values are:

2.7pF, 5.0pF, 8.2pF, 9.0pF, 10pF, 27pF, 39pF, 47pF, 56pF, 82pF, 100pF, 120pF, 150pF, 180pF, 220pF, 330pF, 390pF, 470pF, 1nF, 1.2nF, 2.0nF, 3.3nF, 3.9nF, 4.7nF, 10nF, 22nF, 47nF.

Packed in bags of 10 for 50c/bag. except where noted below



Capacitors, Disk Ceramic, Other

220pf 2kV working 10/50c

470pF 5kV working 5/50c

1nF 3kV 10/50c

1nF 400V AC 5/50c

2.2nF 500V working 10/50c

Capacitors, Monolithic Ceramic

50V working - range of values are:

1nF, 10nF, 47nF, 100nF, 220nF

Packed in bags of 10 for 50c/bag.

Capacitors, Ceramic Axial lead

50V working – range of values are:

1nF, 2.2nF,

Packed in bags of 10 for 50c/bag.

Capacitors, Feedthrough

500V working – 33pF, 820pF, 1000pF (few only)

0.003uF "Erie" brand feedthrough

Packed in bags of 5 for \$1.00/bag.

25c each

Capacitors, Tantalum

Values and working voltage as shown:

0.1μF 35V, 0.15μF 35V, 0.22μF 25V, 0.22μF 40V, 0.47μF 35V, 1μF 40V, 2.2μF 16V, 2.2μF 35V, 3.3μF 16V, 4.7μF 16V, 4.7uF 35V, 10uF 6.3V, 10uF 16V, 15μF 16V, 22uF 16V, 47uF 6.3V, 47μF 10V, 100uF 3V.

Packed in bags of 10 for 50c/bag.

Capacitors, Electrolytic

R = radial, A = axial lead out

6.3V working: 22μFR, 47μFR

10V working: 10μFR, 33μFR, 47μFR, 100μFR, 220μFR, 330μFR, 1000μFR, 2200μFR, 10000μFR

16V working: 4.7μFR, 10μFR, 22μFR, 47μFR, 100μFR, 220μFR, 330μFA, 470μFR, 1000μFR, 2200μFR

25V working: 4.7μFR, 10μFR, 22μFR, 33μFA, 47μFA, 47μFR, 100μFR, 470μFA 1000μFR, 4700μFR

35V working: 22μFR, 33μFR, 220μFA, 470μFR, 2200uFR

40V working: 22μFR, 220μFA

50V working: 0.33μFR, 0.47μFR, 1μFR, 2.2μFR, 3.3μFR, 10μFR, 33μFR, 470μFR, 1000μFR, 3300μFR

63V working: 4.7μFR, 10μFA, 22μFR 47μFR, 470μFR

100V working: 2.2μFR, 10uFR

Packed in bags of 5 for 50c/bag

200V working: 300 μ FR

450V working: 4.7 μ FR

Capacitors, Silver Mica

10pF 100V, 12pF 100V, 470pF 100V, 2.2nF 500V

Packed in bags of 10 for 50c/bag.

Capacitors, Polystyrene

63pF 50V, 150pF 630V, 390pF 100V, 820pF 100V, 1.2nF 400V, 1.5nF 100V, 1.8nF 100V, 4.7nF 50V




Packed in bags of 10 for 50c/bag.

Capacitors, Polyester

0.1 μ F 250V AC, 0.47nF 25V AC, 10nF 250V A.C., 100nF 63V, 100nF 250V, 220nF 250V

Packed in bags of 10 for 50c/bag.

Capacitors, Variable

0.2-4.5pF	GHW4R5000. Glass piston trimmer (Sprague-Goodman)[scase]		\$4.00 each
1 - 14 pF	Murata MVM0145 [scase]		\$2.50 each
1.7-11pF	T6-5 125V DCW. Johnson T-type, Q=2000@1MHz [scase]		\$3.00 each
1.4-9.2pF	189-503 air variable [scase]		\$2.00 each
1.8 – 10pF	Philips high temp. film dielectric [B.5.9]		\$1.00 each
1 - 52pF	TP52CA glass piston trimmer (Voltronics) [scase]		\$3.00 each
2 - 20pF	150V Philips film dielectric green [A.6.1]		\$1.00 each
3 - 10pF	SMD trimmer 100V working		10/\$2.00
3 – 65pF	250V Philips film dielectric yellow 10mm [A.6.2]		\$1.00 each
3 -16pF	Ceramic pcb mount. Packed in bags of 10 [A.6.3]		\$1.00 bag
4 - 40pF	100V Philips film dielectric high. Temp. (2222 809 08002) [scase]		\$1.00 each
5 -15pF	100V film dielectric [A.6.4]. Packed in bags of 10.		\$0.50 bag
5 - 20pF	100V Murata TZ02R200. Packed in bags of 5. [A.6.5]		\$1.00 bag
7 – 40pF	Mica compression type. GMA30200		\$1.00 each
5 - 100pF	Mica compression type [A.6.7]		\$1.00 each
16 - 100pF	Mica compression type GMA70300 [scase]		\$1.00 each
25 – 150pF	Mica compression type 424		\$1.00 each
2-gang	Miniature broadcast type [A.6.8,9]		\$0.50 each



Capacitors, Surface Mount – most are 1206 size.

Packed in bags of 10 for 50c

NPO 50V working: 0.68pF, 1.2pF, 1.8pF, 2.2pF, 5.6pF, 6.8pF, 8.2pF, 10pF, 15pF, 22pF, 33pF, 68pF, 82pF, 270pF, 470pF, 100nF

63V working: 10pF, 47pF, 100pF, 270pF, 330pF, 470pF, 1nF, 1.2nF, 2.2nF, 4.7nF, 10nF

10 μ F 25V electrolytic

Capacitors, Metal Clad Mica (Unelco, Semco)

Values (in pF):

3.9, 4.7, 6.8, 10, 12,15, 20, 22, 24, 27, 30, 33, 34, 47, 51, 62, 82, 100, 120, 130, 150, 220, 240, 300, 360, 680pF

Most are rated 500V working.

Similar to illustration, tab does not have hole:



\$2.20 each
Or 10 up for \$2.00 each

Resistors – All packaged in bags of 10 for 20c/bag. If you buy 10 or more bags (may be mixed resistor values, then the price is \$1.70

Values (in ohms) – 0.25W 5% carbon film unless otherwise noted:

0.25 ohm 5W, 0.27 ohm 3W, 1.0, 1.2, 1.5, 1.8, 2.2, 2.7, 3.3, 3.3 ohm 3W, 3.9, 3.9 2W, 4.7, 5.6, 5.6 0.5W, 6.8 0.5W, 8.2, 10, 12, 15, 15 2.5W, 18, 22, 27, 33, 39, 47, 50, 51, 56, 56 1W, 62, 68, 75, 82, 91, 100, 100 1.6W, 120, 150, 180, 200, 220, 240, 270, 330, 390, 470, 560, 680, 820, 910, 1K, 1K2, 1K3, 1K5, 1K8, 2K, 2K2, 2K4, 2K7, 3K3, 3K9, 4K3, 4K7, 5K6, 6K8, 8K2, 10K, 12K, 13K, 15K, 18K, 20K, 22K, 24K, 27K, 33K, 39K, 47K, 56K, 68K, 75K, 82K, 100K, 120K, 150K, 180K, 220K 270K, 300K, 330K, 390K, 470K, 560K, 680K, 820K, 910K, 1M, 1M2, 1M5, 1M8, 2M, 2M2, 2M7, 3M3, 3M9, 4M7, 5M6, 6M8, 8M2, 10M ohm

Preset Variable Resistor PCB mount: (all packaged in bags of 5 for 50c)
470 ohm, 1K ohm, 2k2 ohm, 6k8 ohm, 22K ohm, 47K ohm, 50K ohm, 100K ohm, 220K ohm, 470K ohm.

Trimmer Resistor PCB mount: Prices as shown:

10 ohm 1 turn	\$0.50 each	2K ohm 10 turn	\$0.75 each
100 ohm 1 turn	5 for \$0.50	100K ohm 10 turn	\$0.75 each
1K ohm 1 turn	\$0.50 each	200K ohm 10 turn	\$0.75 each
1K ohm 10 turn	\$0.75 each	1M ohm 10 turn	\$0.75 each
2K ohm 1 turn	\$0.50 each		

Potentiometers

10K ohm 0.25" shaft	\$1.00 each
50K ohm 0.25" shaft with switch	\$1.00 each
Assorted other values, single and dual at \$1.00 each	

Resistors Surface Mount: Packed in bags of 10 for \$0.50 bag

Most are 1206 size: 2.7 ohm, 4.7 ohm, 22 ohm, 49 ohm, 56 ohm, 68 ohm, 82 ohm, 100 ohm, 180 ohm, 270 ohm, 330 ohm, 390 ohm, 470 ohm, 510 ohm, 680ohm, 820 ohm, 1K ohm, 2k2 ohm, 3k3 ohm, 5k6 ohm, 10K ohm, 68K ohm, 100K ohm.

Resistor Networks:

470R, 1K, 10K, 22K, 33K, 47K 100K Ohm Packed in bags of 10 for \$0.50 bag

Coils, Chokes and Inductors:

VHF Coil on Former PCB Mount [E.4.4]	50c bag of 10
Neosid Coil Former [E.5.3]	\$1.00 bag of 10
Neosid Screen Can [E.5.2]	10c each
Neosid Slug Grade F29	\$1.00 bag of 10
Neosid Slug Grade F14 [E.5.4]	50c bag of 10
Ferrite Bead Single hole Grade F14	50c bag of 10
Ferrite Bead 1 Hole with wire for PCB mount [E.5.6]	50c bag of 10
Ferrite Coil Former with axial wire leads [E.5.7]	50c bag of 10
Ferrite Bead single hole Siemens Grade ? [E.5.8]	50c bag of 10
Ferrite Bead 6-hole Siemens Grade ? [E.5.9]	\$1.00 bag of 5
100uH Inductor [E.6.6]	\$1.00 bag of 5
D.C. Power Choke with leads [E.6.7]	50c each

Fuses:

2A 1.25" glass cartridge [F.3.6]	
50/63/100/800mA 20mm glass cartridge [F.3.7]	10 for \$1.00
Assorted glass cartridge fuses 1000mA to 10A [F.3.8]	10 for \$1.00

Heatsink:

Small to suit TO220 package devices	50c each
Heatsink, various sizes [F.3.2]	50c each

Hardware:

TO-3 Mica Washer and insulating bushes	50c bag of 20
LED Holder panel mount type	50c bag of 10
Knob, round, black, white pointer line [F.2.7]	50c each
Varistor, 250V [F.7.8]	50c bag of 5
Thermistor, PTC 70 ohm @20C [F.2.9]	50c each
Brass rivets, ideal for through-hole connections [F.2.6]	50c/100

Relays PCB Mount:

5V coil, DPDT contacts rated at 1A (Aromat TQ2E-L2-5V) [B.6.6]	\$1.00 each
5V coil, SPDT Siemens type V23027 [B.6.4]	\$0.50 each
6V coil, DPDT contacts rated at 5A (OMI-SS-206A) [B.6.7]	\$1.00 each
9V coil, SPST contacts rated at 3A (LZ9E) [B.6.5]	\$0.50 each
24V coil, DPDT Siemens type V23100 [B.6.2]	\$1.00 each
24V coil, DPST Siemens type V23101 [B.6.3]	\$1.00 each

Switches:

Microswitch SPDT 5A 250V A.C. – similar to illustration.		\$0.50 each
Push-On SPST 1A 120V contacts [F.1.1]		\$0.50 each
Push-On SPST 0.5A 60V contacts p.c.b. mounting	[F.1.2]	\$0.50 each
Slide Switch DPDT 2-hole mounting [F.1.6]		\$0.50 for 5
Toggle switch similar to illustration. On-Off-On action		\$2.00 each
Toggle switch similar to illustration. On-Off action [F.1.3]	[F.1.4]	\$2.00 each
Toggle switch 4-pole change-over, centre off [F.1.7]		\$3.00 each
Toggle switch SPDT 250V 3A [F.1.5]		\$2.00 each



We have lots more hardware, microswitches, ceramic insulators, and generally useful “stuff” at the clubrooms – please come and have a look.

SEMICONDUCTORS

Diodes:

Germanium:

OA90	Germanium 30V 30mA	[S.2.9]	10/\$1.00
OA91	Germanium 115V 50mA	[S.2.10]	10/\$1.00
1N60	Germanium 40V 30mA DO-7	[S.2.8]	10/\$1.00

Microwave Diodes:

1N23C	Point contact Ge diode, new in original packing	[S.CASE]	\$5.00 each
1N415E	Point contact Ge detector diode, new in original packaging	[S.CASE]	\$3.50 each
1N416E	Point contact Ge detector diode, new in original packaging	[S.CASE]	\$4.50 each

Silicon General Purpose:

BYD31D	Fast, soft recovery avalanche diode 440mA/4A (peak)	[S.2.17]	\$0.10 each
CDG23A	BA127 equivalent 60V 0.2A general purpose		20/\$0.50
Diode	400V 2A (yellow band marking)	[S.3.1]	10/\$1.00
GI756	600V 6A (400A peak) axial lead.	[S.3.2]	50c each
MR851	100V 3A 200nS fast recovery DO-201 package.	[S.3.3]	\$0.50 each
V09G	600V 0.8A fast switching diode [data].	[S.3.7]	10/\$1.00
1N4001	50PIV 1A	[S.2.12]	10/\$1.00
1N4002	100PIV 1Amp	[S.2.13]	10/\$1.00
1N4148	High Speed Switching Diode DO-35 75V 400mA 4pF	[S.2.11]	10/\$1.00
1N5402	200V 3A general purpose	[S.2.15]	50c each
1N5407	1000V 3A general purpose	[S.2.16]	50c each
1SS55	Silicon 100PIV 100mA general purpose DO-35		10/50c
1S2472	Silicon 55V 120mA 4nS high speed switching diode	[S.3.9]	10/50c

Schottky:

1N5819	Schottky 40V 1A axial (Motorola)	[S.2.14]	10/\$1.00
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Other Types:

BA379	PIN Diode	[S.2.18]	\$0.10 each
BA482	Band Switching Diode, 1.2pF, 0.7ohm 35V [data]		\$0.10 each
BP 104	PIN IR Photodiode	[S.3.4]	\$0.20 each

Zener: All 400mW unless otherwise noted.

Packed in bags of 10 for \$1.00

2.0V, 3.0V, 3.3V, 3.6V, 3.9V, 4.3V, 4.5V, 4.7V, 5.1V, 5.6V, 6.2V, 6.8V, 8.2V, 9.1V, 9.3V, 10.0V, 11V (1W), 12.0V, 18.0V, 20.0V, 22.0V, 24.0V, 27.0V, 30.0V, 30.0V 1W, 33.0V, 47.0V, 56.0V.

100V 2W

2.0V SMD package size 1206 (Rohm UDZ TE-17 2.0B) 10 for 50c

Light Emitting Diodes:

3mm Red high brightness (Kingbright type L-934ID)	[S.7.11]	\$0.10 each
5mm Red 3000MCD Toshiba (clear plastic)	[S.7.12]	\$0.10 each
3mm and 5mm various colours (limited quantities)	[S.7.10]	\$0.10 each

Transistors

2SC458D	NS 30V 100mA BC182L equiv.	[S.6.4]	\$0.10 each
2SC639	NS TO18 40V 200mA BSX20 equiv.	[S.6.4]	\$0.20 each
2SC876E	NS TO18 50V 0.5A	[S.6.3]	\$1.50 each
2SC918	NS 20V 30mA 500mW TO92 BF198/199 equiv.	[S.5.13]	\$0.20 each
2SC1001	NS TO5 36V 500mA BFW74 equiv.		\$0.20 each
2SC3114	NS TO92 50V 150mA AF Amplifier	[S.6.4]	\$0.10 each
2SC5488	NS 30V 70mA low noise rf pre-amp	[S.6.4]	\$
2SD325	NS 35V 1.5A 10W 8MHz.	[S.6.6]	\$
2SD371	NS 80V 6A 50W TO-3 Power	[S.5.10]	
2SD894	N-DARL 30V 1.5A 10W 120MHz.	[S.6.6]	\$
2SD1302	NS 25V 0.5A 0.6W 200MHz TO-92	[S.6.6]	\$0.50 each
2N2221	NS TO18 60V 800mA GP Amp BSW64 equiv.	[S.6.8]	\$0.20 each
2N2906A	PS TO18 60V 600mA BSW24 equiv.	[S.6.8]	\$0.20 each
2N3054	NS TO66 90V 4A 25W	[S.5.11]	\$0.50 each
2N3439	NS TO39 450V 1A 5W High voltage driver/switch		\$0.20 each
PN3643	NS TO92 30V 500mA driver		\$0.10 each
2N3644	PS TO92 45V 500mA	[S.5.11]	
2N3645	PS TO92 60V 500mA	[S.5.11]	
2N3716	NS TO-3 100V 10A 150W	[S.5.11]	
2N3972	N-FET 40V 50mA 1.8W	[S.5.11]	\$2.50 each
2N4248	PS TO106 40V 100mA 300mW gen.purpose	[S.6.8]	\$0.50 for 10
2N4250A	PS TO92 60V 100mA 200mW	[S.6.1]	\$0.10 each
2N5087	PS TO92 GP Low noise audio amp 50V 50mA 625mW		\$0.10 each
2N6122	NS TO220 60V 4A 40W GP amplifier	[S.6.2]	\$0.50 each
40631	NS 45V 2A 36W TO220 audio amp	[S.6.12]	10c each
40737	SCR 100V 6.3A TO203AA	[S.6.11]	10c each
BC204	PS TO92 45V 100mA 200mW	[S.4.1]	\$0.50 for 10
BC207	NS TO18 45V 100mA 300mW s.s. audio.	[S.4.1]	\$0.50 for 10
BC212	PS TO92 60V 150mA 300mW driver	[S.4.1]	\$0.50 for 10
BC214	PS TO92 30V 100mA 350mW Audio amp/switch	[S.4.2]	\$0.50 for 10
BC321	PS TO92 30V 150mA 300mW	[S.4.2]	\$0.50 for 10
BC327	NS 50V General purpose 2N5819 equiv.	[S.4.3]	\$1.00 for 10
BC338-25	NS 30V 800mA 625mW TO92 hfe 250 typ.	[S.4.5]	\$1.00 for 10
BC546B	NS 30V 100mA 500mW TO92 Gen. purpose	[S.4.6]	\$1.00 for 10
BC548B	NS 30V 100mA 500mW TO92	[S.4.7]	\$1.00 for 10
BC550	NS 45V 100mA 500mW TO92	[S.4.8]	\$1.00 for 10
BC556	PS 65V 100mA 500mW TO92	[S.4.9]	\$1.00 for 10
BC559B	PS 30V 100mA 500mW TO92 amp/switch	[S.4.11]	\$1.00 for 10
BC635	NS 45V 1A 1W TO92 amp/switch	[S.4.12]	\$1.00 for 10
BC817	NS 45V 800mA 310mW SOT-23 SMD package	[S.4.16]	\$1.00 for 10
BC869	PS 20V 1A 1.35W sot-89 SMD package	[S.4.16]	\$1.00 for 10
BCX73-25	PS 30V 1A 625mW TO92	[S.4.13]	\$1.50 for 10
BD680	PS 80V 4A 40W TO225 Darlington hfe 750 min.	[S.4.17]	\$0.50 each
BD956	PS 120V 5A 40W TO220	[S.4.18]	\$0.50 each
BF199	NS 25V 25mA, 500mW ft = 550MHz TO92	[S.4.14]	\$1.00 for 10
BF494	NS 20V 30mA Low noise mix-osc/ IF amp TO-92	[S.4.15]	\$1.50 for 10
BFS23A	NS TO39 65V 500mA 300MHz similar to 2N3866	[S.5.11]	\$2.50 each
BFY90	NS TO72 15V 25mA ft = 1000MHz 200mW	[S.5.11]	\$0.50 each
BS170	N-Ch FET 60V 0.5A TO92	[new]	\$0.20 each
BSX20	NS TO18 40V 200mA 360mW HS Switch/HF Amp.	[S.5.1]	\$0.20 each
BUZ80	Power FET 75W,4ohm, Vf=1.05V, 800V, 2.6A TO220	[S.7.1]	\$0.50 each
BUZ111S	N-Ch power 55V 80A Ron 0.008ohm TO220	[new]	\$3.00 each

FS10UM-10	N channel power MOSFET, 500V 10A TO220	[S.5.2]	\$1.00 each
FT359	NS 60V 10A 125W Darlington hfe=250 TO3 pkge.	[S.5.3]	\$0.50 each
IRF840	N-MOS, 500V, 8A, 125W	[S.5.5]	\$2.00 each
KTK 30A-Y	N-JFET TO-92 30V 5mA	[S.7.13]	\$0.05 each
MPS2369	NS TO92 15V 200mA switching	[S.5.7]	\$0.10 each
MPS5179	NPN RF Amp 12V 50mA		\$0.50 each
MPS6507	NPN TO92 20V 50mA 625mW amplifier	[S.5.8]	\$0.10 each
MPS9669	PS TO92 40V 500mA 450mW driver		\$0.50 for 10
MPSA13	NS TO92 30V 500mA 625mW Darlington [data]	[.S.5.4]	\$0.20 each
MPSA14	NS TO92 30V 500mA 625mW Darlington [data]	[.S.5.4]	\$0.20 each
MPSA93	PS TO92 300V 500mA High voltage switch.	[S.5.6]	\$0.20 each
MTP50P03	MOS P-Ch TO220 30V 50A Ron 0.025 ohms	[new]	\$1.00 each
NT2222A	NS 60V 400mA 626mW TO-92 GP Amp/switch	[S.5.9]	\$0.10 each

R.F. Transistors

[data] = data sheet available.

MGF1302	Low noise GaAs FET Nf = 1.4dB @ 4GHz, 4dB @ 12Hz. [data] [S.case]		\$15.00 each
BFR91	NS RF Amp. 5GHz 1.9dBnf @ 500MHz	[S.case]	\$2.00 each
MFE121	Dual gate N-MOSFET 20V 5mA VHF Amp BF352 equiv.	[S.case]	\$0.50 each
MPS5179	NS TO92 12V 50mA 200mW ft 2000MHz Nf 5.0dB	[S.5.13]	\$0.50 each
	RF Transistor. Use in UHF/VHF amplifiers with collector currents in the 100 μ A to 30 mA range, and in low frequency drift, high output UHF oscillators. [data]		
2N5179	NS as above but in metal can	[S.5.13]	\$0.50 each
BFG67	NS 8GHz 50mA rf amp/preamp SOT143B package	[S.case]	\$1.00 each
MPS6507	NS, VHF Mixer, 20V, 100mA, Ft 700MHz [data]	[S.5.8]	\$0.20 each
MPS6595	NS TO92 20V 150mA 525mW 1GHz RF Amp/Osc.	[S.5.10]	\$0.50 each
MRF237	NS RF Pwr. VHF 4.0W 12V TO39	[S.5.13]	\$3.00 each
MRF317	NS RF Pwr HF 100W 28V	[S.case]	\$10.00 each
MRF559	NS RF Pwr. 806-960MHz 0.5W 12.5V	[S.5.13]	\$0.50 each
MRF629	NS RF Pwr. 400-512MHz 2.0W 12.5V	[S.5.13]	\$2.00 each
MRF904	NS RF Small signal amp. ft4GHz 15V TO206	[S.5.13]	\$3.00 each
2N3866-01	NS TO39 RF Pwr. VHF/UHF 1W 28V	[S.case]	\$3.50 each
2N5946	NS RF Pwr. 400-512MHz 10W 12.5V	[S.5.13]	\$6.00 each
2SC908	NS TO39 RF Amp 1W @ 500MHz 13.6V [data]	[S.5.13]	\$1.00 each
	Designed as an RF power amplifier for the UHF land mobile band. 0.5 to 0.8W output at UHF and as a driver stage. Gain 15dB (Vce=6.0V, Ic=5mA, ft=2000MHz)		
3SK45	Packaged as ECG221, dual-gate N-channel FET for vhf amp and mixer applications.	[S.6.16]	\$0.75 each
3SK73GR	Dual-Gate FET N-channel 30V 7mA	[S.6.7]	\$1.50 each
3SK74L	Dual-Gate FET N-Channel 20V 25mA(max)	[S.case]	\$1.00 each
3SK192GR	Dual-Gate MOSFET 15V 30mA(max)	[S.7.13]	
MMIC's:			
MAR-1	DC-1000MHz, 15dB gain typ., +1.5dBm output [data]	[S.case]	\$5.40 each
MAR-2	DC-2000MHz, 11dB gain typ., +4.5dBm output [data]	[S.case]	\$5.80 each

Integrated Circuits

We can supply data sheets/application notes for many of these devices.

MF6CN-50	6 th order switched capacitor Butterworth low pass filter. 14 pin DIP package, 5 to 14V supply. Limited quantity. Location: IC68	\$1.00 each
V20	NEC V20 microprocessor Location: IC70	\$?.??
OP27GP	Op-Amp, Low noise, high speed, precision. 8-pin DIP package Location: IC72	\$2.50 each
UA78S40PC	Versatile Switching Regulator, output adjustable from 1.3V to 40V and will directly supply up to 1.5A to drive external transistors for higher currents. 16-pin DIP package. Location: IC76	\$2.00 each
Z80	Zilog microprocessor Location: IC18	\$2.00 each
M80C39	CMOS 8-bit single chip microcomputer with 128 Bytes RAM Location IC78	\$3.00 each
GAL22V10B-15QP	Electrically erasable CMOS PLD with high speed erase Time. 24-pin plastic DIL package. Location: IC 30	\$10.00 each
UAA170	LED driver IC. Will drive 16 LED's to form a bar-graph type Display with LED's lighting according to increasing input voltage. 16-pin DIL package. Location IC87. Lim.Qty.	\$2.00 each
PLS179N	Interrupt controller. 24-pin DIL package Location: IC55	\$0.50 each
GM76C256ALL-70	256K S-RAM. Limited quantity. Location: IC50	\$2.00 each
TMS44C256-80N	CMOS RAM 80ns Location: IC21	\$3.00 each
SP237ACS	Multi-channel (5 drivers, 3 receivers) RS-232 line driver/receiver. Operates from single 5V supply, $\pm 9V$ output swing, meets RS232D And V.28 requirements. 24-pin DIL package. Location: IC7	\$2.00 each
LM324N	Four independent internally frequency compensated op-amps in one 14 pin DIL package. Very low input offset and bias currents compared to the traditional 741. Wide supply range: 3V to 32V. Location: IC1	\$2.00 each
LM324M	As above – 4 independent op-amps on one SMD 14-pin SO8 micro-package. Location: IC1	\$2.00 each
LM358N	Two independent high gain internally frequency compensated op-amps designed specifically to operate from a single power supply. Output voltage can swing to ground even with single rail supply. Location IC42.	\$1.50 each
LF444CN	Quad BIFET Op-Amp, JFET input equivalent to 748 op-amp but only draws 1/4 current. 1MHz GBW, 22V supply rail, 14-pin DIP package Location: IC66	\$1.50 each
STK459	Dual channel 15W audio amplifier. Location: S.6.9	\$1.00 each
FX469J	1200/2400/4800 baud FFSK modem in 22-pin DIP package Location: S.Case	\$1.00 each
TLC542CN	8-bit, 25k sample rate, ADC with serial output to microprocessor. 12-channel on-chip multiplexer, equivalent to MC145041. Location: IC29	\$1.00 each
LM566CN	Voltage Controlled Oscillator. Max freq. 1MHz, square & triangle. Location: IC40	\$1.00 each
LM567CN	DTMF Tone Decoder/FSK demodulator/Oscillator 8-pin DIL Location: IC64	\$1.00 each
SAS590	4-channel touch tuning control for TV's with varicap tuning. Location: IC26	\$0.20 each
NE646	Dolby noise reduction I.C. 16-PIN DIL package. Location: IC83	\$0.50 each

MC705K1CDW	8-bit Microcontroller in SMD – 16-pin SOIC package. 504 bytes of OTPROM. Location IC49	\$3.00 each
MC68HC705BCP	8-bit Microcontroller with 8K EPROM & 304 byte-RAM. Includes on-board serial comms, keyboard scanning, plus more Location: IC49	\$5.00 each
UA710CP	High speed comparator with TTL compatible output. 8-pin DIL package. [data]. Location:	\$0.50 each
TMS370C710NA	Texas Instruments 370 family 8-bit microprocessor with 256k EPROM. Location: IC17	\$15.00 each
TBA820M	SGS Audio Amplifier, 2W output with 12V supply, 8-pin DIL package. [data] Location: IC62	\$1.00 each
MC1377P	RGB to PAL/NTSC Encoder, 20-pin DIP package. Location: IC115	\$1.00 each
MC1455P1	IC Timing circuit, direct replacement for NE555. Also works as an oscillator. [data] Location IC3	\$1.00 each
DS1488N	RS232 to TTL receiver. 14 pin DIL package Location: IC5	\$0.50 each
DS1489N	RS232 line driver. 14 pin DIL package Location: IC6	\$0.50 each
LH1540	High Voltage MOS Solid-State Relay. Switches 350V AC/DC at up to 130mA. Isolation 3750VAC. 6-pin DIL package. Location: IC73	\$4.50 each
MC1558G	Dual General-Purpose Operational Amplifier. 8-pin round pkge. Location:	\$1.00 each
OM1681C	Car security alarm Location:	
MPIC2113P	High and low side driver. Motorola. Location: IC69	\$0.50 each
XR2211CP	FSK Demodulator/Tone Decoder Location: IC108	\$1.00 each
SCN 2651C	Programmable Communications Interface Location: IC32	\$2.00 each
ULN2804A	CMOS transistor Darlington array Location: IC95	\$0.50 each
SAB3036	Computer interface for digital TV tuning and control. Also controls four general purpose I/O ports and four current outputs for tuner band selection. 18 pin DIL package. Location: IC43	\$3.00 each
LM3089	Three stage FM IF and Detector with 12 μ V (typ) –3dB limiting sensitivity for FM IF designs in communications receivers. Balanced product detector and audio amplifier provide 400 mV (typ) of recovered audio. Location: IC82	\$1.00 each
CA3053	Differential amplifier to 120MHz. TO99 round metal can. Location: IC4	\$0.50 each
TLE3101	Triac driver I.C. Mfr. Siemens. 18-pin DIP package. Location IC86	\$0.50 each
PCD3312P	DTMF Tone Generator. Philips. Location: IC53	\$1.00 each
MC3356P	Like MC3359P but intended for modem/data applications. Output is FSK data, not demodulated voice. Location ICxx	\$1.00 each
MS3453N2L	Special IC used in consumer electronics. Retail \$81.00 No, I don't know what it does! Location: IC65	\$5.00 each
TDA3566	PAL/NTSC decoder for colour TV standards. Includes luminance amplifier, RGB matrix and amplifier. Inputs for data insertion for Teletext or channel number display. 28 pin DIL package. Limited quantity. Location: IC2	\$3.00 each

UC3762N	Isolated drive transmitter for driving IGBT's in switch mode power supplies. 750mA output drive, 8 to 35V operation. 16-pin DIL package. Data sheet available. Location: IC22	\$0.50 each
LM3915N	3dB Step Bar-Graph Display Driver Location: ICxx	\$2.00 each
TDA4050B	Infrared Amplifier Location: IC35	\$1.00 each
TDA4092	2 Digit Decoder Driver, 24-pin DIL package. Location: IC71	\$1.00 each
TMS4116-20NL	16K RAM (16K x 1) 16-pin DIL package. Location: ICxx	\$0.50 each
LA4507	2 Channel audio power amp. 8 watts per channel. 24V operation. 14 pin SIL package. Data & pin outs available. Location IC81.	\$2.00 each
LM4520CN	Programmable Op-Amp Location: IC34	\$2.00 each
TDA4555	Multistandard decoder for PAL, SECAM, NTSC 3.58 and NTSC 4.43 MHz standards. 28 pin DIL package. Limited quantity. Location: IC47	\$4.00 each
MSM5128-15	16K RAM (2K*8) chip. Location IC92 Limited quantity.	\$0.50 each
NE5230N	Low voltage op-amp. Will operate from 1.8V to 15V with single supply rail. Vout swing is within 100mV of supply. 8-pin DIL package. Location: IC25	\$2.00 each
SAA5231	Teletext video processor. Extracts teletext data from video signal, regenerates teletext clock and synchronises text display to TV sync. 28 pin DIL package. Limited quantity. Location: IC37	\$3.00 each
MC14LC5463N	DTMF Decoder/filter. 14 pin DIL package. Location: IC16	\$5.00 each
D3-6402R-9	UART 2MHz, 5V 40 Pin-DIP package. Location: IC84	\$2.00 each
TA7205P	Audio Power Amplifier, 5.8W, 10-pin SIL package	[S.7.2] \$0.50 each
7555C	CMOS Timer IC. 8-pin DIL package Location: IC3	\$1.00 each
MAB 8039HL-11	Microprocessor Location: IC36	\$5.00 each
D8041AHC	Intel 8-bit microcontroller with 1K ROM & 128 byte RAM. Location: IC91 Limited quantity.	\$1.00 each
ULN8204	CMOS Input Darlington Array Location: IC95	\$0.50 each
UM8250B	286AT Serial Controller Location: IC107	\$0.50 each
MT8961AE	Integrated filter codec with A-law companding and sign magnitude PCM encoding. 18-pin Location: IC8	\$2.00 each
MC13020P	CQUAM AM Stereo decoder. Location: IC94	\$1.00 each
MC34063AP1	DC-DC converter. 8-pin DIP package. Limited quantities. Location: IC90	\$1.00 each
MC34164P-5	Micropower under-voltage sensing circuit. 4.3V threshold. TO226 3-lead package. Location: S.6.15	\$0.50 each
MC34166T	Power Switching Regulator, TO220 5-pin package. 3A output switch current in DC-DC converter. Location: IC89	\$2.50 each
M51392P	Wideband video amplifier (50MHz). 16 pin DIL package. Mitsubishi. Limited quantity. Location: IC48	\$1.00 each
M51399P	Mitsubishi Wideband Video Amp (100MHz) 16 pin DIL package. Limited Quantity. Location: IC48	\$1.00 each
M52679P	6-bit A/D Converter. 16 pin DIL package. Limited quantity. Location: IC48	\$1.00 each

M52681P	6-bit A/D Converter. 16 pin DIL package. Limited quantity. Location: IC48	\$1.00 each
M52682P	3-chan 6-bit A/D Converter. 16 PIN DIL package. Limited quantity. Location: IC48	\$1.00 each

Logic I.C.'s

74HC04	Hex Inverter 14 pin DIL package. Location: IC54	\$0.20 each
74LS04	Hex Inverter 14 pin DIL package. Location: IC54	\$0.20 each
74HC20	Dual 4-input NAND gate. 14 pin DIL package. Location: IC67	\$0.20 each
74LS20	Dual 4-input NAND gate. 14 pin DIL package. Location: IC67	\$0.20 each
74HC32	Quad 2-input OR gate. 10ns propagation delay. Location: IC19	\$0.20 each
74LS32	Quad 2-input OR gate. 10ns propagation delay. Location: IC19	\$0.20 each
74HC74P	Dual, positive edge triggered D-type Flip Flop, preset clear and complimentary outputs. 14-pin DIL package. Location IC75	\$0.20 each
74LS74N	Dual, positive edge triggered D-type Flip Flop, preset clear and complimentary outputs. 14-pin DIL package. Location IC75	\$0.20 each
74LS93N	4-bit Binary Counter. 14 pin DIL package Location: IC23	\$0.20 each
74HC107N	Dual JK Flip Flop Location: IC33	\$0.20 each
74HC139N	Dual 2 to 4 line decoder. 16 pin DIL package Location: IC10	\$0.20 each
SN74LS157N	Quad 2-input multiplexer. (non-inverting) Location: IC56	\$0.20 each
74LS169BN	4-bit binary synchronous up/down counter. Limited quantity. Location: IC14	\$0.20 each
74HCT244N	Octal buffer / line driver. Location: IC11	\$0.50 each
74LS244N	Octal buffer / line driver. Location: IC11	\$0.50 each
74HC245N	Octal bus transceiver. Limited quantity. Location: IC12	\$0.50 each
74LS245N	Octal bus transceiver. Location: IC12	\$0.50 each
74LS251N	8-input data selector/multiplexer with 3-state outputs. Location: IC74	\$0.50 each
74LS258AN	Quad 2 Input Tri-state Multiplexer. 16-pin DIL package. Location: IC80	\$0.50 each
74HCT273P	Octal D-type Filp-Flop with reset' positive edge trigger. 20 pin DIL. Location: IC77	\$0.50 each
74LS273N	Octal D-type Filp-Flop with reset' positive edge trigger. 20 pin DIL. Location: IC77	\$0.50 each
74HC283	4-bit binary full adder with carry. 16 pin DIL package Location: IC20	\$0.50 each
74LS374N	Octal D-type positive edge triggered flip-flop. Location: IC54	\$0.50 each
74HC374N	Octal D-type positive edge triggered flip-flop. Limited Qty. Location: IC13	\$0.50 each

74HC367N	Hex Tri-state bus driver. 16 pin DIL package. Location: IC88	\$0.50 each
74LS367N	Hex Tri-state bus driver. 16 pin DIL package. Location: IC88	\$0.50 each
74LS377N	Octal D-type positive edge triggered flip-flop with common output enable. 20-pin DIL package. Location IC79	\$0.50 each
74HC393N	Dual 4-bit binary counter, divide by 8 and divide by 2 Location: IC44	\$0.50 each
74LS640	Octal bus transceiver. Location: IC111	\$0.50 each
CD4001AE	CMOS 2-input NOR gate. 14 pin DIL package. Location: IC45	\$0.20 each
CD4001UBE	CMOS 2-input NOR gate. 14 pin DIL package. Limited Qty. Location: IC45	\$0.20 each
HCF4011UBE	COMS Quad 2-input NAND gate. 14 pin DIL package Location: IC57	\$0.20 each
HEF4012BP	CMOS Dual 4-input NAND Gate. 14 pin-DIL package Limited quantity. Location: IC28	\$0.20 each
74HCF4014	CMOS 8-bit static register Location: IC38	\$0.50 each
MC14016BCP	CMOS Quad analog switch/multiplexer/demultiplexer. Location: IC112	\$0.50 each
HEF4017BP	CMOS counter/divider, 10 line output Location: IC63	\$0.50 each
MC14050B	Hex non-inverting buffer Location: IC24	\$0.50 each
74HC4051N	CMOS Single 8-channel analog multiplexer. 14 pin DIL package Location: IC59	\$0.50 each
CD4051BCN	CMOS Single 8-channel analog mux. 14-pin DIL package Location: IC59	\$0.50 each
CD4052BCN	CMOS Dual 4-input MUX. 16 pin DIL package Location: new	\$0.50 each
74HC4053N	Triple 2-channel multiplexer/demux. 16 pin DIL package Location: IC15	\$0.50 each
74HC4060P	14 Stage binary counter/divider oscillator. 16-pin DIL package Location: IC9	\$0.50 each
HCF4066BE	Quad bilateral switch/multiplexer. 16 PIN DIL package Location: IC93	\$0.50 each
HEF4081BP	CMOs Quad 2-input AND gate Location: [new]	\$0.20 each
CD4518BE	Dual BCD Up Counter. 16 Pin DIL package. Location: IC116	\$0.50 each
HEF4538BP	Dual precision monostable multivibrator. 14 Pin DIL package. Location: IC61	\$0.50 each
74AC11074	Dual positive edge triggered D-type flip flop with clear and preset. 14 pin DIL package. Location IC27	\$0.50 each
MC14585B	4-bit magnitude comparator. Location: IC52	\$1.00 each
HCF40193UBE	Presettable binary up/down counter. 16 Pin DIL package. Location: IC46	\$0.50 each

Other Semiconductors:

Bridge Rectifiers:

KBP005	50V 1.5A	[S.3.6]	3 for \$1.00
W005M	50V 1.5A bridge [data]	[S.3.8]	3 for \$1.00
KBL402	100V 4A bridge	[S.3.5]	\$1.00 each

3-Terminal Voltage Regulators:

78L05	5V positive regulator, 100mA TO92 package	[S.3.10]	\$0.20 each
7805	5V positive regulator, 1A TO220 package	[S.3.10]	\$0.50 each
78L06	6V positive regulator, 100mA TO92 package	[S.3.10]	\$0.20 each
78L08	8V positive regulator, 100mA TO92 package	[S.3.11]	\$0.20 each
7808	8V positive regulator, 1A TO220 package (limited qty.)	[S.3.11]	\$0.50 each
7812	12V positive regulator, 1A TO220 package	[S.3.12]	\$0.50 each
LM78L12	12V positive regulator, 100mA, SMD SO8 8-pin micro plastic pkge.		\$0.20 each
UPC78L12	12V positive regulator, 100mA TO92 package	[S.3.12]	\$0.50 each
7815	15V positive regulator, 1A TO220 package	[S.3.13]	\$0.50 each
7824	24V positive regulator, 1A TO220 package	[S.3.13]	\$0.50 each
LM2940T	5V 1A low drop-out regulator, TO220 package	[S.3.14]	\$0.50 each

Silicon Temperature Sensor

Packed in bags of 10 for \$0.50c

KTY85-120 Positive temperature coefficient of resistance suitable for use in measurement and control systems. SOD80 glass SMD package. Resistance 980 to 1020 ohms. See data sheet for more info.

Connectors:

Coaxial

PL259 coaxial plugs. These are good quality with brown phenolic insulation. Suit RG8/RG213 50 ohm coaxial cable.	\$2.50 each
PL259 coaxial plugs. Genuine Amphenol 83-ISA with brown phenolic insulation. Suit RG8/RG213 50 ohm coaxial cable.	\$3.00 each
PL259 right angle adaptors male-female (limited quantity)	\$3.00 each
Reducing adaptors for PL259 plugs to suit RG58 coax cable (limited qty)	\$0.50 each
TNC plugs 50ohm for RG58 coax (crimp and clamp/solder type available)	\$2.50 each
BNC plugs 50 ohm for RG58 coax (clamp on type)	\$2.50 each
BNC plugs 50 ohm for RG58 coax (crimp on type)	\$2.50 each
BNC sockets 75 ohm – single hole mounting	\$1.50 each
BNC jack cable end crimp type 50ohm for RG58 coax Radiall R141237161	\$1.50 each
BNC jack cable end solder type 50ohm for RG58 coax	\$1.50 each
Belling Lee Male-Male adaptors	\$1.00 each
Belling-Lee TV Socket pcb mount	\$0.50 each
Belling-Lee TV socket panel mount	\$0.50 each
N Type male solder on suit RG213 coax	\$4.00 each
N Type male quick-fit (solderless press fit into center pin) for RG213 coax	\$8.00 each
N Type male right angle, suit RG213 coax	\$4.00 each
N Type male solder on suit RG58 coax	\$5.00 each
N Type male crimp on for LMR400 / 9913 coax. **	\$3.50 each

** Crimping service available for these at club meetings.

Other Connectors:

5-pin 180° DIN sockets	\$0.50 each
5-pin 270° DIN sockets	\$0.50 each
2-pin microphone socket	\$1.00 each
4-pin microphone socket	\$1.00 each
8-pin microphone plugs (suit all modern rigs) [E.2.7]	\$2.00 each
8-pin microphone socket [E.2.8]	\$3.00 each
6-way RJ-12 p.c.b. mount socket	\$0.20 each
DB-9 female IDE type (to fit on ribbon cable)	\$0.50 each
Phono Plug 3.5mm	\$0.10 each
Phono Plug 3.5mm with cord strain relief	\$0.10 each
"T" type 2-pin AREC recommended DC power connector plug/skt set [D.3.8]	\$2.00 set
Canon audio (XLR) 4-pin socket [F.1.9]	\$2.00 each
Canon audio (XLR) 5-pin socket [F.2.1]	\$2.00 each
Panel mount DC socket [F.2.6]	50c each
Connector, 1/4" panel mount socket [F.2.7]	20c each
RCA Plug Red [D.3.4]	50c each
RCA Plug Black [D.3.5]	50c each
RCA Plug Yellow [D.3.6]	50c each
RCA Line Socket various colours [D.3.7]	20c each
A.C. mains 230V IEC type chassis socket	\$0.50 each
Power cord, 230V, 2m long with 3-pin plug one end, IEC socket other end	\$1.00 each

I.C. Sockets:

I.C. Socket 14-pin	\$0.20 each
I.C. Socket 16-pin	\$0.20 each
I.C. Socket 20-pin	\$0.20 each
I.C. Socket 22-pin	\$0.20 each
I.C. socket 24-pin	\$0.20 each
I.C. socket 28-pin	\$0.20 each

Quartz Crystals:

4.194304MHz HC18U wire ended holder	\$1.00 each
4.1952MHz HC18U wire ended holder	\$1.00 each
13.875MHz HC18U wire ended holder	\$1.00 each
14.7456MHz HC49S SMD package	\$1.00 each
18.432MHz HC18/U wire ended holder	\$1.00 each

Crystal Filters:

10.7MHz \pm 7.5KHz	\$5.00 each
10.7MHz \pm 50kHz	\$5.00 each

Ceramic Filters:

Murata SFE 6.0MHz (SFE6.0MBD)	\$1.00 bag of 4
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Kitsets:

VHF/UHF Preamp Kit. Parts, pcb and instructions to build a preamp for 2m, 70cm, Now includes instructions for using a SMD package transistor, e.g. the BFG67 in place of the BFR91A supplied with the kit.	\$18.00 each
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Special Items:

GPS Patch Antenna - with Macom SO8 preamp 26 dB @ 1.575 GHz, 1.15 dB NF. It still has 20 dB gain @ 1.3 GHz but the NF is rising a bit. Fitted with 3m of RG174 cable and MCX connector. No housing/case for patch antenna. \$10.00 each

GPS Patch Antenna - as above but in plastic case. Fitted with about 3m RG58 coax cable and SMA connector. \$20.00 each

TXO4010T 20MHz High Stability temperature controlled crystal oscillator. \$5.00 each
These are supplied mounted on a PCB with a number of other useful components. See recent issues of Spectrum magazine for more detail.

Data Modes and Utilities DVD \$10.00 each
World famous in New Zealand, the Branch 66 Data Modes and Utilities DVD Contains a wealth of digital mode software, utilities and now includes two computer tutorials. Just what you need to get started in digital modes.

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