

## G-QRP Club components

Cost

### This is a service for G-QRP Club members only

**Crystal filters** SORRY – all gone now

**Polyvaricon capacitors** – 2 gang - 8 to 140pF & 6 to 60pF (tags marked A & O respectively)

£1.75 each

2 gang - 8 to 285pF per section

£1.75 each

c/w shaft ext'n & mounting screws. Long & short fixing screws are supplied for different panels

**Polyvaricons are plus postage - £4.00p (UK), £4.00 (Eu), £4.50 (DX) Max of 2 of each type**

### Crystals HC49/U wire ended

**QRP CW calling frequencies:** 1.836, 3.560\*, 7.015, 7.028, 7.030, 7.040, 7.0475, 7.122, 10.106, 10.116\*, 14.060\*, 18.086, 21.060, 24.906, 28.060MHz (\* = also available in low profile)

£2.00 each

Other frequencies (some of these are low profile HC49)

1.8432, 3.500, 5.262, 5.355, 7.00, 10.006, 10.111, 11.50, 14.00, 22.00, 29.00MHz

£0.50 each

(5.262MHz is the QRP calling frequency on 60m)

2.00, 3.00, 3.200, 3.5795, 3.5820, 3.6864, 4.00, 4.096, 4.1943, 4.433, 4.50, 5.00, 6.00, 7.20, 7.60, 8.00, 9.00, 10.00, 11.00, 12.00, 13.50, 15.00, 16.00, 18.00, 20.00, 24.00, 25.00, 26.00, 28.00, 28.224, 30.00, 32.00, 33.0MHz Some of these are low profile HC49

£0.35 each

Pair of carrier crystals 9MHz ± 1.5kHz HC49U wires

£4 pair

### Ceramic resonators

455kHz, 480kHz, 2.00MHz, 3.58MHz, 3.69, 4.00, 10.7, 14.32, 20.0MHz

£0.50 each

### ICs

SA602N (or SA612N) (Stocks are now getting low – max of 2 per order please)

£2.00

MC1350 (Stocks are now getting low – max of 2 per order please)

£2.00

LM386N-1 300mW 8pin DIL 4 to 15V

£0.45

LM380N 14pin DIL

£1.30

TDA7052A 1W 8pin DIL 4.5 to 18V low noise DC volume control

£0.60

TA7642 TRF radio chip (I may supply the alternative MK484 which is the equivalent)

£0.75

CA741 op-amps 8pin DIL

5 for £1.00

### Transistors, FETs

IRF510

50p

2SC536 npn – fT – 100MHz, hFE – 320, VCEO +40V

5 for 50p

2N3904 npn – general purpose fT – 300MHz, hFE – 150, VCEO +40V

10 for 50p

2N3906 pnp – general purpose fT – 250MHz, hFE – 150, VCEO -40V

10 for 50p

MPSH10 npn - TO-92 – fT = 650MHz, hFE – 60, VCEO +25V

10 for 80p

BC109B metal TO18 npn

10 for 50p

BC178 metal TO18 pnp

10 for 50p

BC213 plastic TO92 pnp

10 for 50p

BC548 plastic TO92 npn

10 for 50p

2N3819 N channel JFET TO92

24p each

2N7000 N channel MOSFETs TO92

10p each

BC517 npn Darlington pair

10 for £1.10

BS170 N channel MOSFET TO92

10 for £1.20

BF981 N channel dual gate MOSFET (hardly any left - max of 1)

40p each

2N3866 (house marked equivalents)

**FREE to members**

Ask for how many you need – no real limits, but sensible numbers please!

***I will not supply any more than 20 of any item – I have better things to do than count large numbers. If you need more, then please explain why.***

### More transistors below

**All the above components & crystals, plus postage - any quantity – £2.00p (UK), £3.50 (Eu), £4.50 (DX).**

**If you are ordering filters, polyvaricons, then that postage will also cover components and/or toroids.**

2N4091 N channel InterFET TO18	10 for 50p
2N2222 npn TO92	10 for 50p
BC108C npn TO18	10 for 50p
CV7644 npn power TO92	5 for 25p

### Diodes

1N4148 - General purpose silicon diodes (max of 20)	10 for 10p
1N5711 – Schottky signal diode low forward volts up to VHF/UHF	20p each
BB204 – twin diodes, common cathode, 15pF @ 20v, 50pF @ 1v	50p each
1N4004 power diode 400v 1A	5 for 25p
BB105 - varicap diode varicap diode for UHF tuners	25p each
1SV149 – varicap diode 25pF@8V; 500pF@1V	35p
(MVAM109 all gone now – sorry)	

### Coils (sorry, no more 0u6H, 11u0L or 125.0L) **Max of 2 of each size please.**

1.2uH – Spectrum 1u2H (TOKO 3335 equivalent)	80p each
1.7uH – Spectrum 1u7H (TOKO 4612 equivalent)	80p each
2.6uH – Spectrum 2u6L (TOKO 1509 equivalent)	80p each
5.3uH – Spectrum 5u3L (No direct TOKO equivalent) (pri is same as 3334, but sec is low imp)	80p each
45.0uH – Spectrum 45u0L (TOKO 3333 equivalent)	80p each
90.0uH – Spectrum 90u0L (No direct TOKO equivalent)	80p each

**The full club data sheet for these coils is available as a PDF on the Technical Page**

## G-QRP Club toroids

**Toroid cores** – priced per pack of 5 (except the large ones) – max of 1 pack of each per member unless you NEED more – if so, please explain why.

### Iron Dust

T25-2 - £0.50; T25-6 - £0.60; T30-2 - £0.70; T30-6 - £0.80  
 T37-2 - £0.80; T37-6 - £0.80; T37-7 - £1.00  
 T50-1 - £1.00; T50-2 - £1.40; T50-6 - £1.60; T50-7 - £1.20; T50-10 - £1.60  
 T68-2 - £2.20; T68-6 - £2.50;  
 T130-6 - £2.60 each (T130 are heavy –each counts as a pack for postage – see below)

### Ferrite

FT37-43 - £1.20; FT37-61 - £1.20  
 FT50-43 - £1.20; FT50-61 - £2.40  
 BN43-2402 - £1.50; BN43-202 - £2.40; BN43-302 - £3.40  
 BN61-202 - £3.40  
 FT43-101 Ferrite beads (3.5mm dia x 3.2mm long, 1.2mm dia hole) £0.40

***I will not supply any more than 20 of any item, or 5 of toroids – I have better things to do than this. If you need more, then please explain why.***

**All the above components are plus postage. If you are ordering toroids as well, then the normal components rate £2.00p (UK), £3.50 (Eu), £4.50 (DX) includes up to 2 packs of toroids as well. Each additional 4 packs of toroids, add 50% of the same postage etc. If you want more than a total of 2 of the large (130) toroids, please ask for a quote for postage. If you are ordering components as well, then the toroids postage will also cover small components (except filters or polyvaricons)**

Last updated – 4 January 2023

**This is a service for G-QRP Club members only!**

**Magnet wire - all our magnet wire is solderable enamel.**

**Don't breath in the fumes as you are soldering!**

18 SWG - pack of 2 metres, 20 or 22 SWG - pack of 3 metres

24, 25 or 27 SWG - pack of 4 metres

30, 33, or 35 SWG - pack of 5 metres

Price per pack

60p

40p

30p

**Bifilar wire** – solderable enamel insulated, a red and a green wire bonded together. (see next page)

21 SWG (0.8mm diameter) – pack of 2 metres

£1.00

26 SWG (0.45mm diameter) – pack of 3 metres

70p

30 SWG (0.315mm diameter) – pack of 4 metres

50p

Please solder all these magnet wires in a well ventilated place – do not inhale the fumes!

**Litz wire** – silk covered multi strand wire with solderable enamel.

Each strand of wire is solderable enamel coated

7/.04mm – silk covered, 7 strands of .04mm enamelled wire – approx 36SWG – pack of 3 metres

12p

15/0.04mm – silk covered, 15 strands of .04mm enamelled wire – approx 34SWG – pack of 3 metres

25p

**Bifilar wire:**

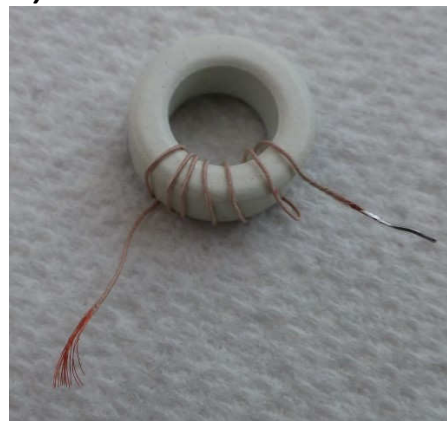
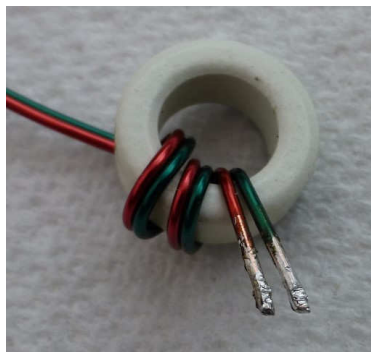
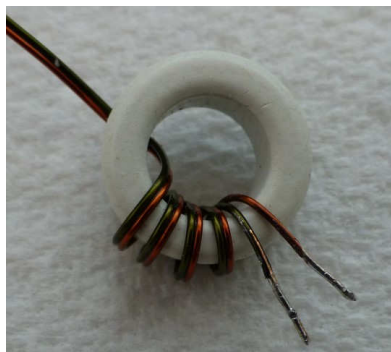
**26 SWG**

**21SWG**

*(The pictured core is a T50 size)*

*(No room for a picture of 30SWG – but you can imagine the size)*

**Litz wire:** (this is the 15 strand wire,  
the 7 strand looks very similar)



**Axial lead inductors (they look like fat 1/4W resistors, and use the same colour code in uH!)** These are low current – a few hundred mA for the lowest values, reducing to no more than 100mA for the highest.

3.3, 4.7, 6.8uH, 10, 15, 18, 22uH, 33, 39uH, 47, 56uH, 100uH, 150uH, 220uH, 470uH and 1000uH

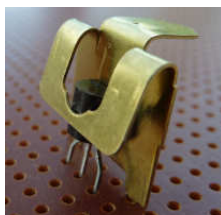
20p each

Postage for wire and inductors – free if part of an order for other parts, otherwise, postage as for components

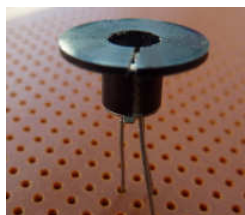
**Heatsinks – 4 types available:**



TO39/TO5 35p each



TO92 – 30p each



TO18/TO72 – 80p each



TO39/TO5 60p each

**Back issues of Sprat** (You must check availability first please). There are not many left now, they were taking over my store room. 90p each plus postage:

One – 80p(UK), £2.20(Eu), £3.30(DX): more – add 60p(UK), £1.20(Eu), £1.50(DX) per copy for up to 5 copies. Any more? ask for a quote.

Last updated 15 March 2024

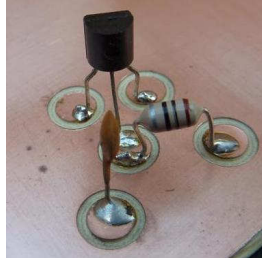
## Pad cutters - £6.00 each

These are diamond-coated island pad cutters – slightly larger than the ones we had a number of years ago. 7mm o/s diameter and 5mm i/s diameter.

You must have a drill stand – a handheld drill will create lots of pretty (but useless) patterns!!

They have a 2mm diameter shaft. (all figures are approx.). They create a 5mm diameter pad with 1mm gap around it.

Here is a picture of one and a sample PCB creation:



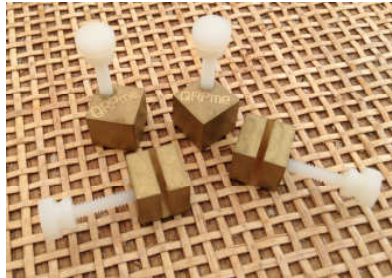
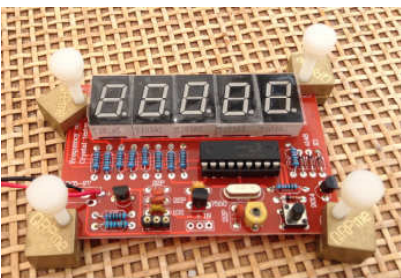
Postage for the above items is the same as for components – or they can be added to a components order with no extra postage.

## QRPMe

By arrangement with Rex at QRPMe, I can now supply some of his offerings to the UK and Europe only. DX orders please order direct from Rex

### Brass Set

The latest from Rex – here are a couple of pictures – a brass set comprises 4 blocks and 4 nylon screws:



Price is £10 per set, plus postage (UK - £1.50, Eu £3.50 DX please order direct from Rex)

## MePads, MeSquares & other PCB type boards

If you build “ugly”, or Manhattan style, then MePads, and MeSquares are for you.

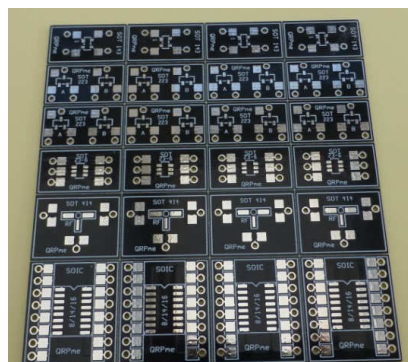
They are individually priced below, but they are all plus postage. (UK - £1.50, Eu - £3.50) DX – please order direct from Rex. If anything else is ordered, then postage for these panels is free. This postage is ok for up to 3 boards.

More info on Rex’s website - <http://qrpme.com>

Rex has revamped his boards and our stock is now the same as his.

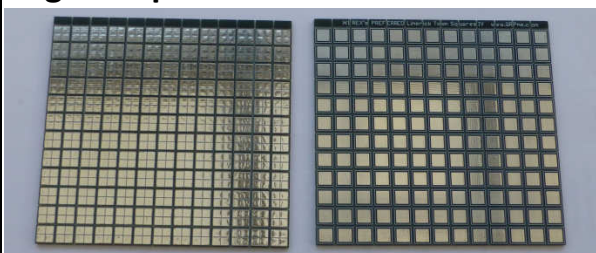
### MePads

There are now 2 types of MePads – from left to right – MePads for DIP ICs, MePads for SOIC & SMD components. All are £6 each



The actual size of each MePad board is 3” x 3¼” (7 x 7¾ cm). Each individual pad is routed on both sides so that you can easily split them apart and then glue to your board.

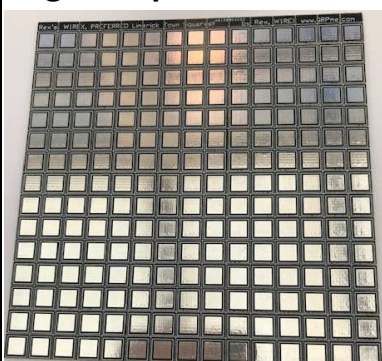
### Big MeSquares 2X



This is the very latest version of MeSquares. They are now  $3\frac{3}{4} \times 3\frac{1}{2}$ " (8 x 8.3cm) There are 156 square ( $12 \times 13$ )  $\frac{1}{4}$ " pads on the top side, and on the other side, each  $\frac{1}{4}$ " square is divided into 4 isolated squares in a "clump". The  $\frac{1}{4}$ " squares are routed of course, so can be easily snapped off the board. The board is 0.062" thick.

These MeSquares are £5 each

### Big MeSquares



Rex has changed the size of these boards and they are now  $3\frac{3}{4} \times 3\frac{3}{4}$  (9.5 x 9.5cm) There are 225 squares in a 15 x 15 formation. The squares are  $\frac{1}{4}$ " apart (6mm), and that includes a black solder mask. The board is routed on both sides so that the squares can be used in groups, or individually. The cost of these boards is £6.00 each, and postage is as for components.

These MeSquares are £6 each

### Little MeSquares

A smaller square version of the above Big MeSquares. These are approx. 3.8" x 3.8" (9.5 x 9.7 cm). There are 24 x 25 (600) x 0.15" (3mm) squares, and again, like the panels above, each is surrounded by black solder mask. They are all routed on both sides and so any number can be snapped off. Again, the cost is £6.00 each, and

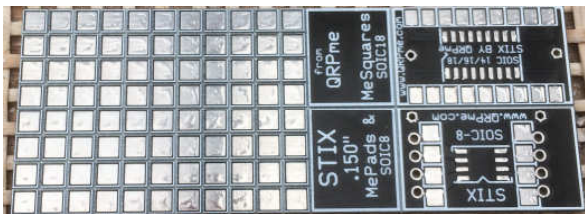


postage is as for components.

**These MeSquares are £6 each**

### **STIX panels**

A smaller version of the MeSquares, plus a couple of SOIC pads. These are approx. 3.2" x 1.2" (8 x 3 cm). There are 88 x 0.15" squares, and like the panels above, each is surrounded by black solder mask. They are all routed on one side and so any number can be snapped off. Postage is as for components. If anything else is ordered, then postage for these panels is free. As Rex is dropping this item, then stocks of these are now very low – please check for availability before ordering. **These STIX panels are £3.50 each**



Updated 4 August 2023