

doubtless in time I will learn to love it. I would also have liked little more range on the RIT control.

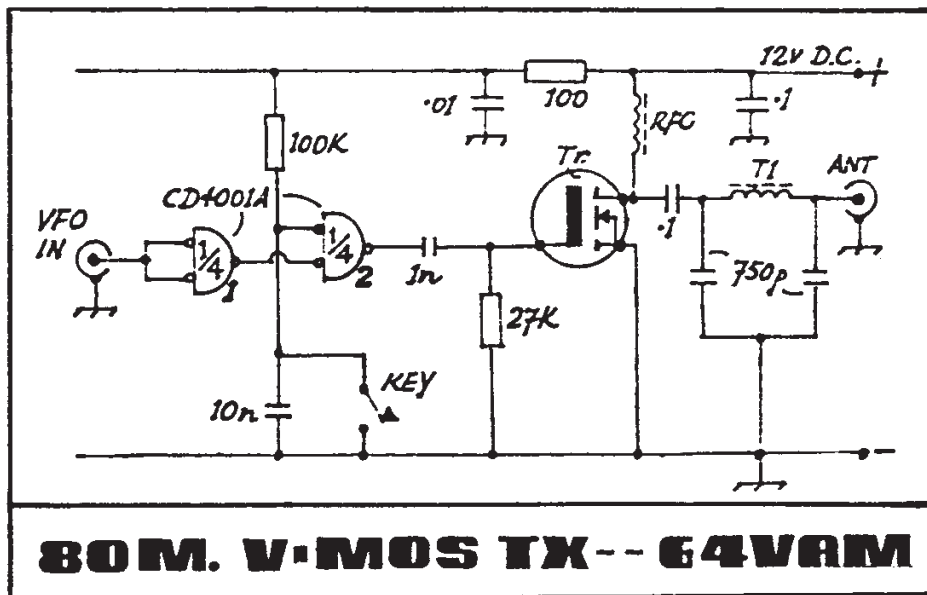
I'm very pleased with my MICRON, and I'm sure it will be a popular little rig in my shack. I consider it good value for money and a worthy transceiver for serious CW QRP operation. BUT...remember it is a kit, and it does require a lot of time to build and a little patience, but for many that will be part of the fun.

The kit is offered in several options (I have the lot!). Full details may be found on the back page of this issue of SPRAT. I'm glad that WPO took our advice, and hope the transceiver will become a popular option for QR operation.

80 METRE VMOS TRANSMITTER PAUL HARRISON G4VAM

This little 80 metre QRP transmitter has worked SM, LA, OZ, YU, PA0, I, F etc., when used with a 66 feet long wire.

The VFO could be the Seiler type, used in the SCD Deluxe. RFC is 10 turns on a ferrite bead. T1 is 21 turns of 26SWG on a T50-2 core. The VMOS transistor is the VN10K, available from John Birkett at 50p each, (or a VN67AF could be used). The CD4001A is a two input quad nand gate - two other gates are unused - but one could be used to switch a driver transistor for a change over relay. Gate one could also be used as a simple crystal oscillator for a crystal controlled transmitter.



80M. V-MOS TX -- G4VAM

TIP FOR HW8 OWNERS
RONNIE MARSHALL GM4JJG

The HW8 has an aerial change over relay, and on receive the contacts are closed by a very light spring. On transmit the contacts have the pull of the solenoid to close them firmer. A tiny piece of dust, or something of that nature, must have got between the receive contacts, as the receiver went 'phut' in the middle of a QSO, and the RST dropped from 589 to 339!

A skoosh of carbon tet fixed it. I had to spend ten minutes poking at the PCB, and wondering where the crackle was coming from. It seems a bit daft to place so much reliance on a minute contact closed in on light pressure.