MARS mod of the FT-857

Author: Hanno Vogels, DG8JZ

FT-857 (US version)
Modification for TX:
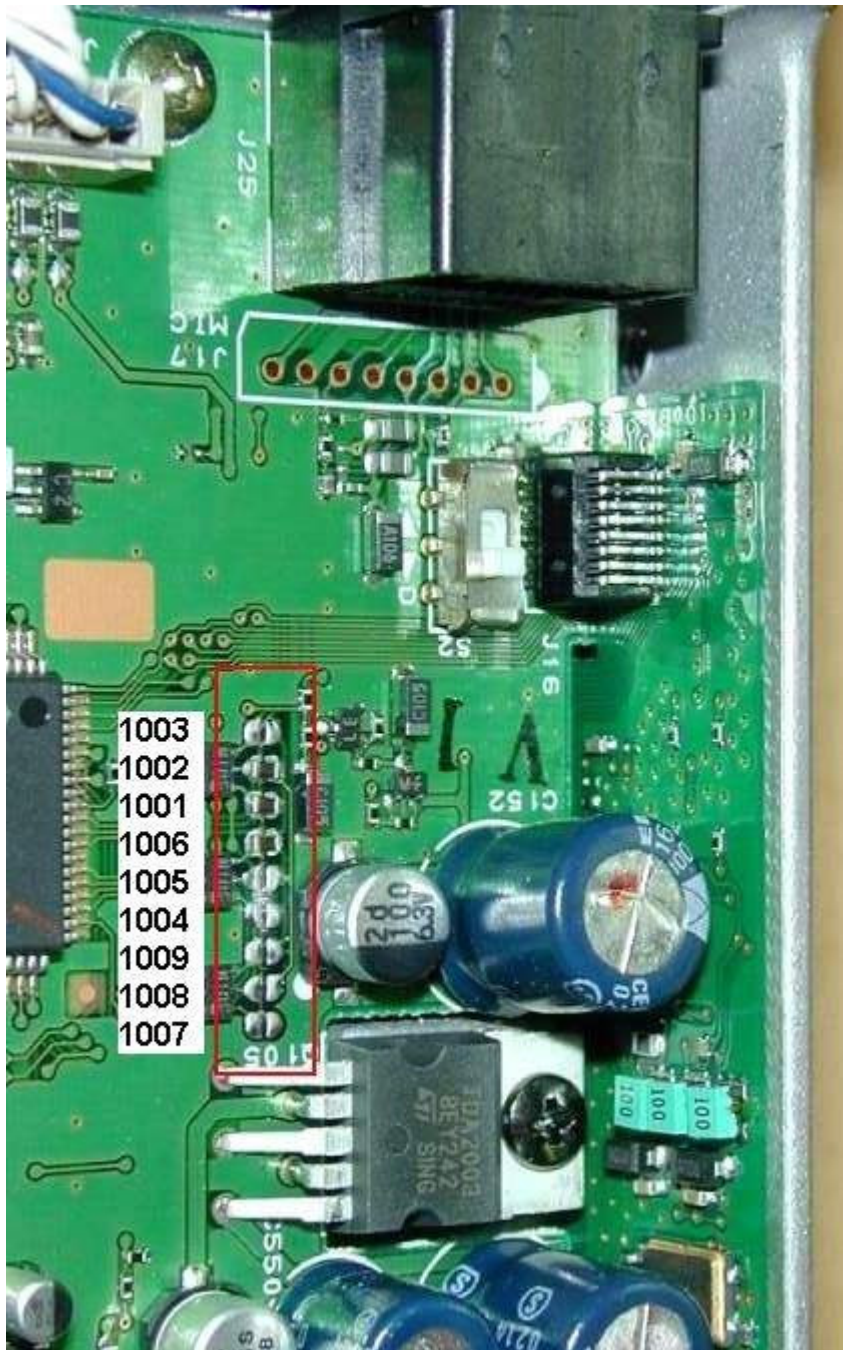1.8-56MHz, 137-164MHz, 420-470MHz

1. Remove the seven screws affixing the top panel of the transceiver, and gently lift it upward.

2. Carefully remove the small 2-pin speaker plug from the left rear corner of the transceiver interior then remove the top case and set it aside for the moment.

3. Locate the nine jumpers about 2" from the front edge of the main unit and about 3/4" from the left edge. For 144/430MHz expansion only, remove the jumper at JP1002, leaving the other jumpers alone. For complete expansion per the above listing, place jumpers at JP1007/1008/1009, and remove the jumpers at JP1001/1002/1003/1004/1005 (leave the jumper at JP1006 in place). **NOTE THE UNUSUAL SEQUENCE FOR THE NUMBERING.**

4. Replace the top panel; don't forget to re-connect the speaker lead removed in step 2.

5. With the transceiver off, press and hold in the [F] and [V/M] keys; while holding them in, turn the radio on. Modification is now complete.

Hanno Vogels, DG8JZ

Thanks to [Roar Dehli](#) for this picture.

1003
1002
1001
1006
1005
1004
1009
1008
1007