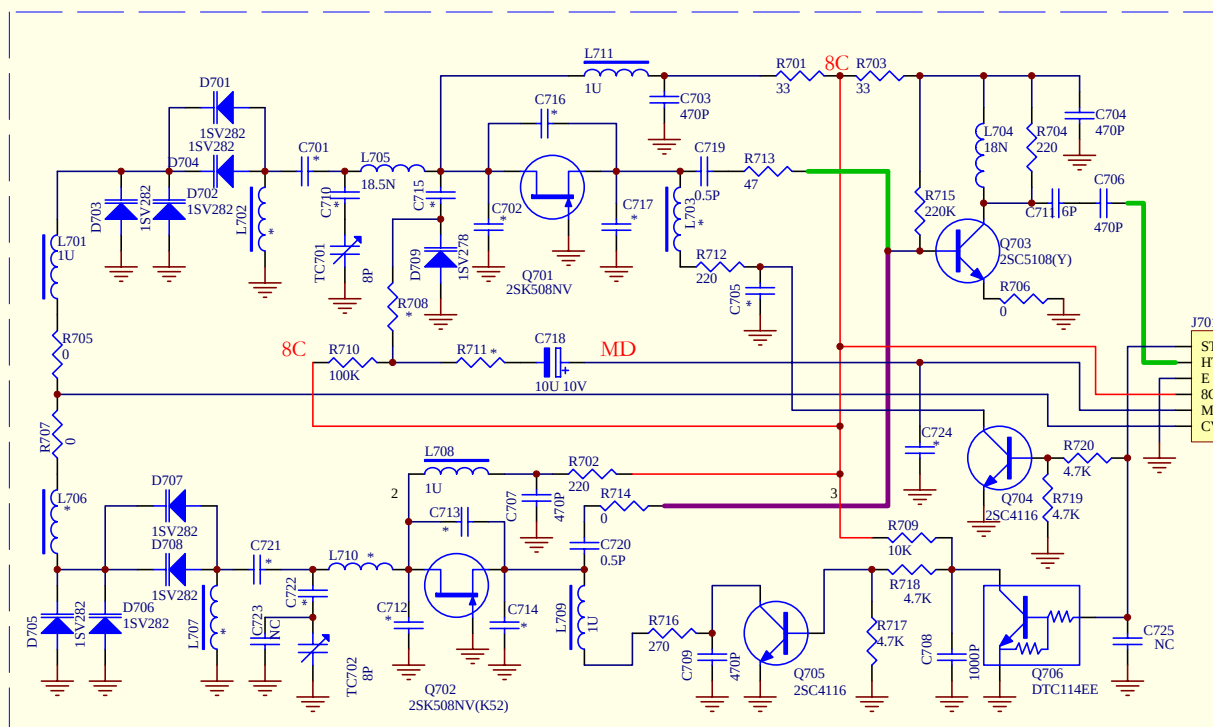


# TM-800 UHF Schematic Diagram (VCO Unit)

| FREQUENCY                | C701 | C702 | C705  | C710 | C712 | C713 | C714 | C715 | C716 | C717 | C721 | C722 | C724 | R708 | R711 | L702  | L703  | L706 | L707 | L710 |
|--------------------------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|------|------|
| UHF(1): 400MHz ---470MHz | 47P  | 4P   | 470P  | 5P   | 5P   | 8P   | 4P   | 0.3P | 6P   | 5P   | 100P | 4P   | 470P | 47K  | 0    | 1U    | 1U    | 1U   | 1U   | 28N  |
| UHF(2): 450MHz ---512MHz | 82P  | 2P   | 470P  | 10P  | 3P   | 6P   | 5P   | 0.3P | 3P   | 2P   | 100P | 7P   | 470P | 0    | 22K  | 0.82U | 0.56U | 1U   | 1U   | 22N  |
| UHF(3): 480MHz ---526MHz | 82P  | 2P   | 470P  | 10P  | 3P   | 3P   | 5P   | 0.3P | 1.5P | 2P   | 100P | 8P   | 470P | 0    | 22K  | 0.82U | 0.56U | 1U   | 1U   | 22N  |
| UHF(4): 440MHz ---490MHz | 82P  | 3P   | 470P  | 12P  | 3.6P | 6P   | 5P   | 0.3P | 2P   | 3P   | 68P  | 11P  | 470P | 0    | 22K  | 0.82U | 0.56U | 1U   | 1U   | 22N  |
| UHF(5): 350MHz ---400MHz | 56P  | 7P   | 1000P | 39P  | 6P   | 7P   | 6P   | 0.5P | 7P   | 9P   | 120P | 10P  | NC   | 0    | 0    | 0.82U | 0.56U | 2.2U | 2.2U | 35N  |

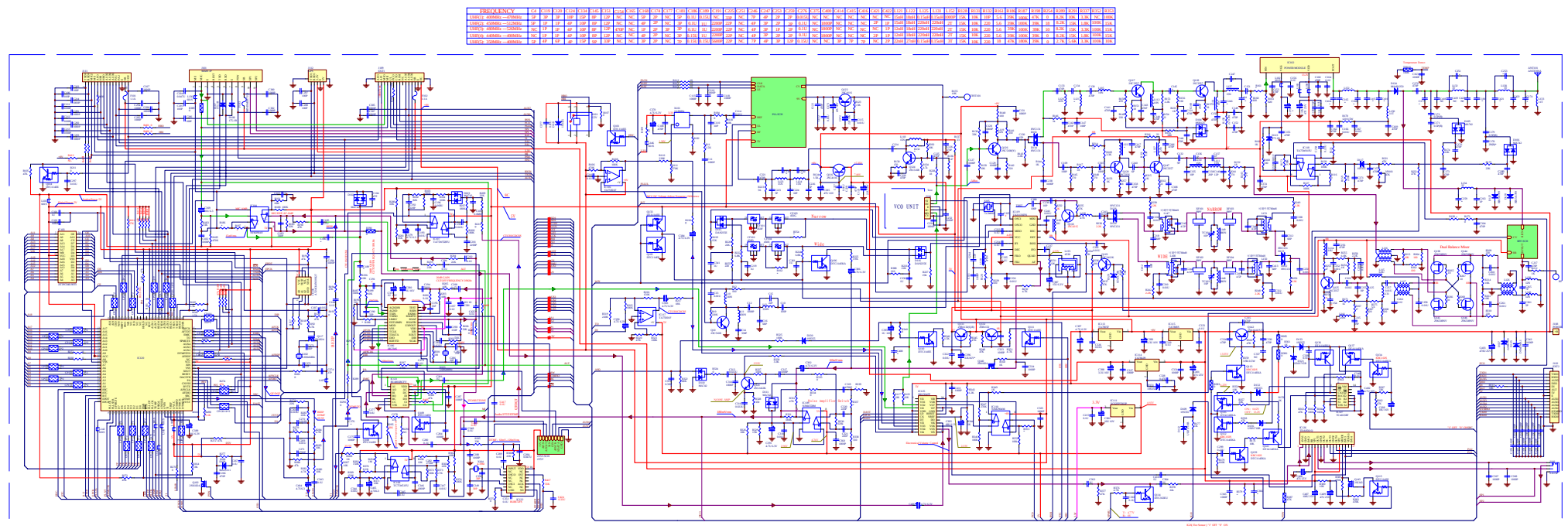


4

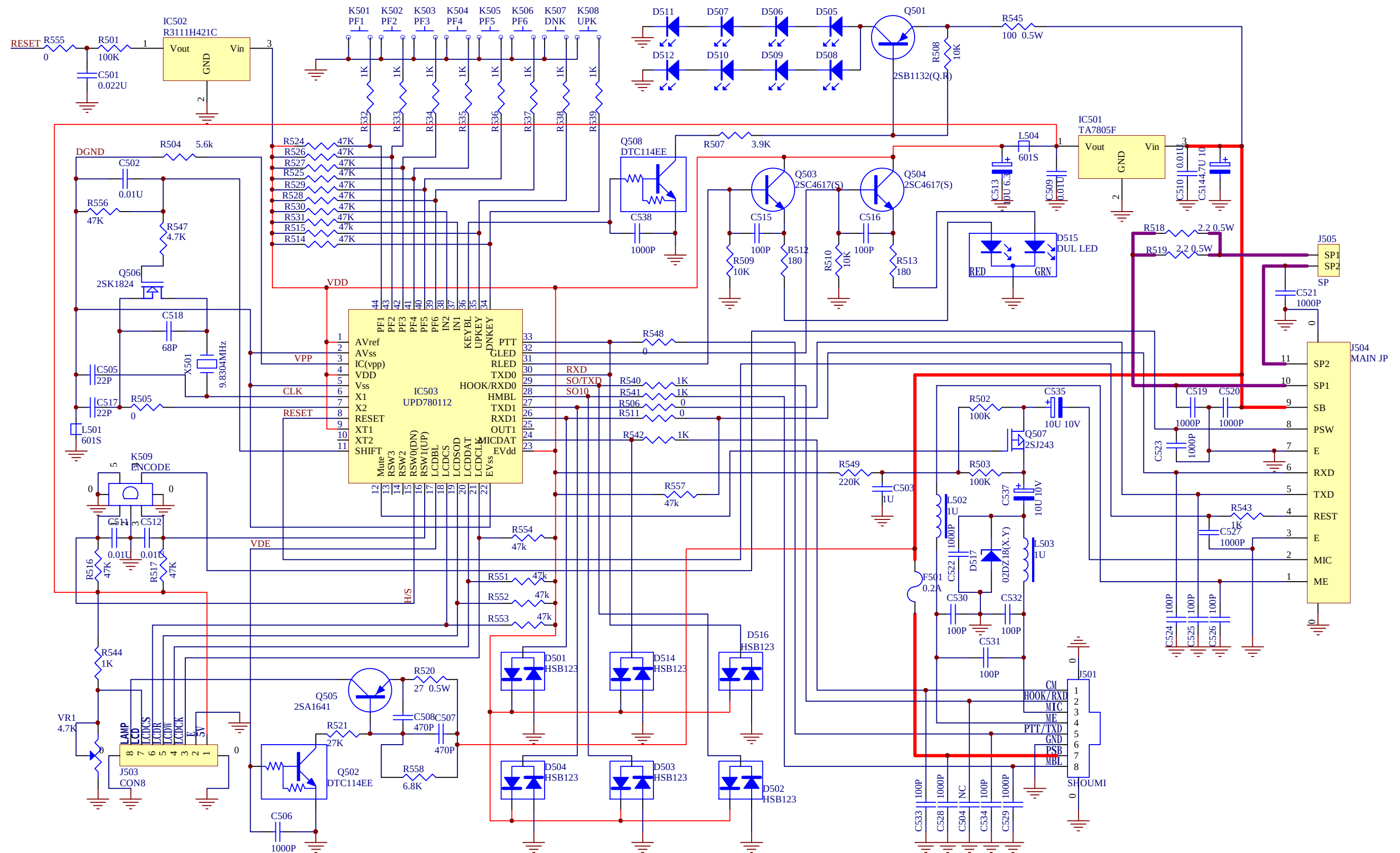
I



## TM-800 UHF Schematic Diagram (Tx-Rx Unit)



# TM-800 UHF Schematic Diagram (Display Unit)



## TM-800 UHF Schematic Diagram (BPF Unit)

| FREQUENCY                | D601    | D602    | D603    | D604    | D605    | D606    | C602 | C603 | C605 | C606 | C607 | C611 | C612 | C613 | C614 | C615 | C616 | C618 | C619 | C620 | C621 | C625 | C626 | C627 | C630 | C631 | C629 | C632 |
|--------------------------|---------|---------|---------|---------|---------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| UHF(1): 400MHz ---470MHz | 1SV279  | 1SV279  | 1SV279  | 1SV279  | 1SV279  | 1SV279  | 0.5P | 27P  | 27P  | 0.5P | 0.5P | 0.5P | 27P  | 27P  | 0.5P | 0.5P | 27P  | 0.5P | 27P  | 0.5P | 0.5P | 0.5P | 0.5P | 0.5P | 27P  | 27P  | 5P   | 27P  |
| UHF(2): 450MHz ---512MHz | HVC350B | HVC350B | HVC350B | HVC350B | HVC350B | HVC350B | 1.5P | 33P  | 33P  | 2P   | 1.5P | 1.5P | 33P  | 33P  | 2P   | 1.5P | 33P  | 1.5P | 33P  | 2P   | 1.5P | 1P   | 1P   | 1P   | 30P  | 30P  | 5P   | 30P  |
| UHF(3): 470MHz ---527MHz | HVC350B | HVC350B | HVC350B | HVC350B | HVC350B | HVC350B | NC   | NC   | 27P  | 2P   | NC   | NC   | 27P  | NC   | 2P   | NC   | NC   | NC   | 27P  | 2P   | NC   | 1P   | 1P   | 1P   | 30P  | 30P  | 3P   | 30P  |
| UHF(4): 440MHz ---490MHz | HVC350B | HVC350B | HVC350B | HVC350B | HVC350B | HVC350B | 1.5P | 33P  | 33P  | 2P   | 1.5P | 1.5P | 33P  | 33P  | 2P   | 1.5P | 33P  | 1.5P | 33P  | 2P   | 1.5P | 1P   | 1P   | 1P   | 30P  | 30P  | 5P   | 30P  |
| UHF(5): 350MHz ---400MHz | 1SV279  | 1SV279  | 1SV279  | 1SV279  | 1SV279  | 1SV279  | 1.5P | 33P  | 33P  | 2P   | 1.5P | 1.5P | 33P  | 33P  | 2P   | 1.5P | 33P  | 1.5P | 33P  | 2P   | 1.5P | 1P   | 1P   | 1P   | 47P  | 47P  | 5P   | 47P  |

