

IC-7100 MARS/CAP Modification

Remove the following diodes to open the referenced frequency ranges.

In the IC-7100 the radio frequency range can be opened in various configurations. The chart below describes four radio frequency range configurations and the specific diode(s) that enable that configuration. Select only one of the four configurations.

Note: Frequency range and specifications cannot be guaranteed after modification.

Desired Frequency Band	Remove Diode	
0.1 – 199.999999 MHz 400 – 470 MHz	D6316 and D6315	Leave all other diodes at default
1.6 - 25.999999 MHz 28 – 29.999999 MHz 50 – 54 MHz 144 – 146 MHz 430 – 440 MHz	D6315	Leave all other diodes at default
1.6 – 54 MHz 68 – 74.799999 MHz 118 – 174 MHz 400 – 470 MHz	D6316	Leave all other diodes at default
5.255 – 5.405 MHz Only	D6310	Leave all other diodes at default

