

Parts List and Tune Up Procedures

RF Semiconductors and Other Active Devices

Schematic Key	Part Number	Circuit Application	Operating Frequency	Industry Equivalent	Added/Removed
Q104	48-02245J31	RF Amplifier	450-470 MHz	MRF5007	Removed
Q104	48-13828A09	RF Amplifier	450-470 MHz	MRF1517	Added

Passive Components Parts List

Schematic Key	Part Number	Value
PC board	8480438U12	
R111	0662057A41	470 Ohm
R114	0662057A53	1500 Ohm
R119	0662057A25	100 Ohm
R120	NU	NU
R121	NU	NU
C100	NU	NU
C103	2113740F44	51 pF
C123	2113743E20	0.1 uF
C124	2113740F60	240 pF
C125	2113740F44	51 pF
C127	2113740F59	220 pF
C128	2113740F25	8.2 pF
C129	NU	NU
C130	NU	NU
C131	2113740F60	240 pF
C132	2113743E20	0.1 uF
C136	2113740A43	39 pF
C137	2113740F22	6.2 pF
C138	2113740A33	15 pF
C140	2113740A25	7.5 pF
C141	2113740A34	16 pF
C142	2113740A30	11 pF
C143	2113740F49	82 pF
L106	2462587X52	82 nH
L109	2479990N01	43 nH
L110	2460591A01	4.2 nH
L119	Removed	Removed
L105	Removed	Removed
L107	Removed	Removed