



GT-FR8A121

dCSS LNB (16UB)

LTE immunity and dynamic mode only.

Ⓢ MULTISWITCH

Ⓢ CSS

Ⓢ HELLO



TECHNICAL SPECIFICATIONS

Input Frequency	10.7 ~ 12.75 GHz
Output Frequency	950 ~ 2150 MHz
LO. Frequency	10.4 GHz
Number of User Bands	16
Working Mode	Dynamic
Programmability	NO
Programmed User Bands Frequency	1210, 1420, 1680, 2040, 985, 1050, 1115, 1275, 1340, 1485, 1550, 1615, 1745, 1810, 1875, 1940 MHz
User Band Bandwidth	46 MHz
LO. Stability	+/- 0.5 MHz at room temperature +/- 1 MHz over room temperature
Noise Figure	0.1dB (Typ.)
Gain	58 ~ 62 dB
Gain Flatness	+/- 0.5dB at 26 MHz over temperature
Gain Variation	1dB (maximum)
Cross-Pol. Isolation	22 dB
Image Rejection	>40 dB
IM3 Suppression	>60 dB
LO Frequent Phase Noise	Integration Phase Noise < 2.5 degree RMS at 10khz ~ 13MHz
Control Signal	EN50494 (UB1-4), EN50607 (UB5-16), dHello
Communication	DiSEqC 2.0
Operating Temperature Range	-30°C ~ +65°C
Power Supply Voltage	10 - 20V
Power Consumption	4.00W (maximum)
Feed Length	30 mm