



GT-dLNB1DY

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	24
Working Mode	Dynamic
Programmability	YES
Programmed User Bands Frequency	975, 1025, 1075, 1125, 1175, 1225, 1175, 1225, 1275, 1325, 1375, 1425, 1475, 1525, 1575, 1625, 1675, 1725, 1775, 1825, 1875, 1925, 1975, 2025, 2075, 2125 MHz
User Band Bandwidth	up to 82 MHz (programmable with 0.1 MHz accuracy)
LO. Stability	+/- 0.5 MHz at room temperature +/- 1 MHz over room temperature
Noise Figure	0.1dB (Typ.)
Gain	42 ~ 62 dB (programmable with 1dB step)
Gain Flatness	+/- 0.2dB at 26 MHz over temperature
Gain Variation	1dB over temp. (by programming)
Cross-Pol. Isolation	>22dB over room temp
Image Rejection	>40dB over room temp.
IM3 Suppression	>60dBc at IF signal power
LO Frequent Phase Noise	Integration Phase Noise < 2.5 degree RMS at 10khz ~ 13MHz
Control Signal	EN50494, EN50607, dHello
Communication	DiSEqC 2.0
Operating Temperature Range	-40°C ~ +65°C
Power Supply Voltage	10 - 20V
Power Consumption	4.70W (maximum)
Feed Length	42 mm