

Specifications

Item	GNSS RF Front End Evaluation Board
Details	<ul style="list-style-type: none"> - RF Configuration & Characteristics: <ul style="list-style-type: none"> • Processing Channel : 4ea • 1/E1 : 1575.42MHz • 2 : 1227.6 MHz • 5/E5a : 1176.45 MHz - Detail Requirement <ul style="list-style-type: none"> • Reference Frequency : 10MHz • Sampling Frequency : 50MHz • Support Band : GPS, Galileo, GLONASS • Support Bandwidth : 24MHz • Maximum RF input : 10dBm • Digital Output : I/Q 3 Bit • RF Impedance : 50Ω • DAC Converter Resolution : 3 bit • ADC Converter Resolution : 3 bit • Configurable PLL • Supporting Antenna Gain : 10dB ~ 35dB • Operating Temperature : -40 ~ 85 deg • ESD Susceptibility : Class 1B (JESD22-A114)