

Features

- CMOS Integrated Ku band to L band downconverter
- Integrated VCO and PLL
- Integrated pre-amplifier, mixer and L band buffer amplifier
- Integrated reference oscillator (25MHz is default)
- Integrated polar voltage selection
- Integrated negative voltage generator and phemt FET bias control
- Integrated gain adjust control between three levels
- Low phase noise
- Low power consumption
- Support 10.75GHz LO frequency
- 5.5V to 6.5V operation
- Low spurious
- Lower profile packages: 3×3mm QFN20

Applications

- Ku band LNB for Domestic ABS-S application