LPA Concepts

SLSH18002

LINEARIZED 3G-4G DAS FDD RF HEADS

- COMPACT MODULAR ASSEMBLY
- RF INPUT - RF OUTPUT
- APD Tx LINEARIZATION
- Tx OUTPUT : 3W TO 20W
- INTEGRATED LNA
- INTERNAL OR EXTERNAL DUPLEXER
- SINGLE 28V SUPPLY

Band 7 (2500-2570MHz / 2620-2690MHz)
30Wpeak Tx with ceramic duplexer
AH3 housing : 88mm x 165mm x 21mm

TX-RX AMPLIFIER ASSEMBLY

- 40dB to 48dB fixed Tx gain
- 20dB to 40dB adjustable Rx gain
- Forward & Reverse Tx power monitoring
- Integrated ceramic duplexer with -65dBc Tx to Rx rejection
- External cavity duplexer with -100dBc Tx to Rx rejection
- Overdrive protection, over temperature protection
- RS485 or UART monitoring and control

RX-TX FDD AMPLIFIER MODULES (1)

- Compatible with LPA Concepts PIM3D amplifier modules
- 50Wpeak to 200Wpeak , Class AB (linearity over wide bands) or Doherty (best efficiency)
- All cellular bands from 1805MHz to 3600MHz

(1) consult factory for details

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