

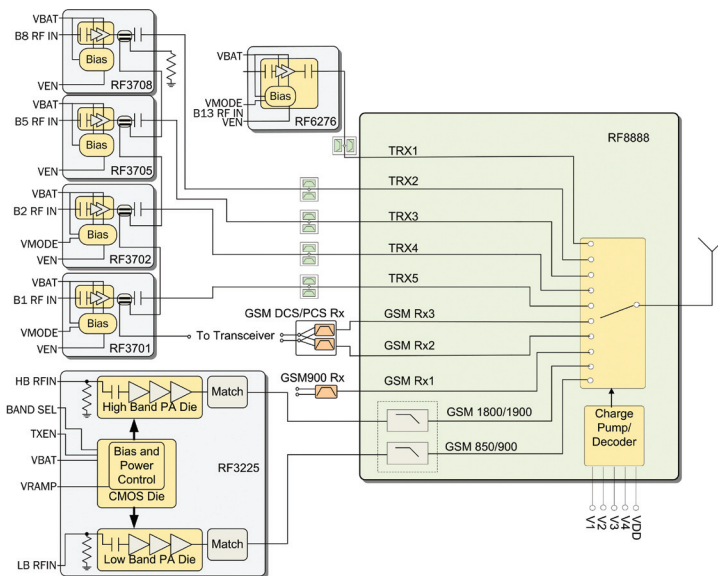
RFMD®

RF Products for Cellular Data Applications

RFMD® offers a broad portfolio of components ideally suited for cellular data applications. With full product coverage of the “RF front end,” RFMD is excellently positioned to deliver optimal complete solutions in environments such as datacards and USB dongles where physical space is often constrained and power consumption must be minimized. Product families include: GSM/EDGE PAs, 3G PAs, switch and filter modules, discrete switches, and LNAs.

SPECIFICATIONS

Product Function	Part Number	Description
Discrete Switches	RF1147	SP4T Switch for Rx Diversity
	RF1130	High-Power Tx Switch ideal for Tx Band Selection
Front End Switch Filter Modules	RF1193	SP10T Antenna Switch Module
	RF1194	SP9T Switch Filter Module with Integrated GSM Rx SAWs
	RF8888	SP10T Antenna Switch Module for LTE Applications
WCDMA & LTE PAs	RF3701	High-efficiency B1 WCDMA PA
	RF3702	High-efficiency B2 WCDMA PA
	RF3705	High-efficiency B5 WCDMA PA
	RF3708	High-efficiency B8 WCDMA PA
	RF6276	B12/B13/B17 LTE PA
GSM/EDGE PAs	RF3161	GSM/EDGE Polar PA
	RF3225	Reduced size GSM/EDGE Polar PA
	RF3189	Linear GSM/EDGE PA
Rx Modules	RF9500/1/2/3	LNA and Filter Modules
GPS LNA Modules	RF2815	LNA Module with Integrated SAW
	RF2818	LNA Module with Integrated Pre- and Post-SAWs



FEATURES

2G/EDGE PAs

- Compact solution size
- Current limiting and power flattening minimizes performance variation into load mismatch
- High power margin enables flexible tuning
- Excellent GMSK and EDGE efficiency

3G PAs

- High peak power efficiency (42% at 28 dBm)
- Low voltage digital control
- Integrated voltage regulator
- 3.0 V operation to 27.5 dBm

Switch Filter Modules

- Very low Insertion loss and high isolation
- Exceptional linearity performance
- Small size and highly integrated

GPS LNAs

- Small solution size
- Adjustable bias
- Low NF and high rejection designed to optimize GPS sensitivity

Discrete Switches

- Small solution size
- Very low insertion loss and high isolation
- Exceptional linearity performance

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