

FILTRONIC SOLID STATE
Semiconductors for Wireless Applications



Filtronic Solid State is a wholly owned subsidiary of Filtronic Plc, based in Santa Clara, California. They are a manufacturer of microwave and mmWave GaAs pHEMTs, GaAs MMIC circuits and GaAs/InP Gunn diodes.

Filtronic is able to offer packaged discrete devices, unpackaged die and whole wafers, a wide range of screening levels are available for HiRel applications. The Filtronic DH-pHEMT process results in a very high IP3, with excellent Power-Added Efficiencies with a low noise figure, ideal for cellular amplifier applications as can be seen in their discrete pHEMT products. For wideband applications, the process gives high gain and low noise figures across multi-octave bandwidths as exhibited in their discrete MMIC products.

DISCRETE PHEMT PRODUCTS:

- PD200-P70/die - Low Noise Medium Power
- LP750-SOT89/die - Low Noise High Linearity
- LP7512-P70/die - Low Noise Medium Power
- LP7612-P70/die - Low Noise Medium Power
- LP6836-P70/P100/die - Low Noise Medium Power
- LP6872-P100/die - Medium Power
- LP1500-SOT89/P100/die - Low Noise High Power
- LP3000-SOT89/P100/die - High Power
- Non-Linear Models



DISCRETE MMIC PRODUCTS:

- Low Noise Amplifiers
- Medium Power Amplifiers
- Gain Block Amplifiers
- Pre-Driver Amplifiers
- Variable Gain Amplifier
- Diode Limiter
- GaAs Gunn Diodes
- InP Gunn Diodes

Use this section to reference new products or a selector guide page. This will link to the new products page / selector guide as necessary

To visit the Filtronic Solid State website follow thin link <http://www.filtronicsolidstate.com>

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