

UK specialist in RF & Microwave Components, Sub-Systems & Test Solutions

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NEW PRODUCT NEWS - DECEMBER 2020

In this December 2020 Issue:

- Boonton Electronics Melcom Appointed by Boonton who manufacture a comprehensive portfolio of Power Sensors/Meters, Audio and Modulation Analysers
- Wolfspeed New parts in S & X Band
- Southwest Microwave Application note on Radial & Axial Misalignment of Miniaturised Connectors
- Tennmax USA RF Absorber Technology
- Altum RF New Wideband Amplifiers 2-20 GHz

Boonton Melcom Appointed UK & Ireland Sales Representative

Boonton Electronics is a leader in high performance RF and Microwave Test equipment for Radar, Avionics, Electronic Warfare, Satellite and Wireless communications, and EMI/EMC applications.

Boonton products enable a wide range of RF power measurements and signal analysis for RF product design, production, maintenance and system integration. The Boonton product portfolio is designed and manufactured in the USA and includes:

- Peak and average RF Power Meters
- Real-Time USB Power Sensors
- RF Voltmeters
- Modulation Analysers
- Audio Analysers.

Boonton products provide the following key advantages:

- Fastest measurement speed and better time resolution
- Fastest rise times
- Cost competitive
- wide dynamic range

Learn more about Boonton

Contact Melcom - for detailed specification, pricing & availability



New Wolfspeed Products





New S & X Band Products

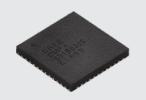
CMPA0530002S 2 W, 0.5-3.0 GHz, 28 V GaN MMIC Power Amplifier



- 18 dB Small Signal Gain
- 2.9 W Typical PSAT
- Operation up to 28 V
- High Breakdown Voltage
- High Temperature Operation
- Size 0.118 x 0.157 x 0.033 inches

Datasheet

CMPA801B030S 7.9 - 11.0 GHz, 40 W, Packaged GaN MMIC Power Amplifier



- Freq: 7.9 11.0 GHz
- Psat: 40 W
- PAE: 40%
- LS Gain: 20 dB
- 7x7 mm Overmold QFN
- Lower system costs
- Reduced board area

Datasheet





RF Absorber Material

Tennmax are able to supply housings/lids with integrated Form in Place EMI/ENV Gasket Thermal Interface materials & now also RF Absorber material

Supplying an integrated piece partly reduces build time and complexity for the customer.

