

MELCOM ELECTRONICS LTD - The UK's specialists in RF & Microwave  
Components, Sub-Systems and Solutions



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## WEBINAR: DESIGNING A PA WITH GaN HEMT MODELS

Wolfspeed are offering a webinar to learn more about the design process for creating a power amplifier using Wolfspeed GaN HEMT models in AWR on June 23rd at 12:00 EST.

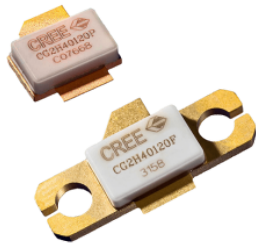
[CLICK HERE FOR FURTHER DETAILS](#)

## WOLFSPEED LAUNCH NEW POWER GaN AMPLIFIERS

UK stock available for all new releases

### CG2H40120F

(120 W, 28 V, RF Power GaN HEMT)



- Up to 2.5 GHz Operation
- 20 dB Small Signal Gain at 1.0 GHz
- 15 dB Small Signal Gain at 2.0 GHz
- 120 W Typical Psat
- 70% Efficiency at Psat
- 28 V Operation

[Click Here For Datasheet](#)

### CMPA2738060F

(60 W, 2.7 - 3.8 GHz, GaN MMIC, Power Amplifier)

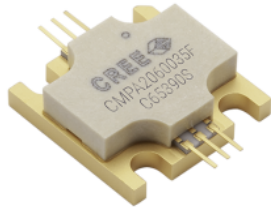


- 34 dB Small Signal Gain
- 85 W Typical PSAT
- Operation up to 50 V
- High Breakdown Voltage
- High Temperature Operation
- 0.5" x 0.5" Total Product Size

[Click Here For Datasheet](#)

### **CMPA2060035F**

(35 W, 2.0 - 6.0 GHz, GaN MMIC Power Amplifier)



- 28 dB Small Signal Gain
- 35 W Typical Psat
- Operation up to 32 V
- High Breakdown Voltage
- High Temperature Operation

[Click Here For Datasheet](#)

### **CMPA1D1E080F**

(80 W, 13.75 - 14.5 GHz, 40 V, Ku-Band GaN, Power Amplifier)



- 50-Ohm Matched
- 80 W CW Typical Pout
- 40 W Linear Power Under OQPSK
- 28 dB Typical Small Signal Gain
- 40 V Operation

[Click Here For Datasheet](#)

**LEARN MORE ABOUT WOLFSPEED**

[Contact MELCOM](#) for detailed specification, pricing and availability.

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