

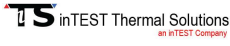


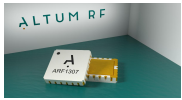




 <p><u>New GaN Transistors & MMICs</u></p> <ul style="list-style-type: none">- 35 W, DC-6 GHz, GaN HEMT -- 25 W (CW), 6.0-18.0 GHz GaN MMIC Power Amplifier -- 25 W, 8.5-11.0 GHz, GaN MMIC Power Amplifier -- 45 W, DC-8.0 GHz, GaN High HEMT Die -	 <p><u>High Performance Components</u></p> <ul style="list-style-type: none">- GaAs MMIC Amplifiers -- Detectors -- Limiters -- Mixers & Frequency Doublers -- Gain Equalisers -- Couplers & Power Dividers - 	 <p><u>Thermostream Digital DUT Functionality</u></p> <ul style="list-style-type: none">- New Thermostream feature to control target temperature via DUT's integrated temperature sensor - 
 <p><u>Melcom Appointed As UK & Ireland Representative</u></p> <ul style="list-style-type: none">- European based company -- Amplifiers, MMIC Switches, Phase Shifters, S & X Band Radar Components, Commercial 5G Applications - 	 <p><u>High Performance Cable Assemblies</u></p> <ul style="list-style-type: none">- Range of Precision Cable Assemblies up to 67 GHz -- VNA Test Cables -- New C295 Superbend Interconnect Cable Assemblies - 	 <p><u>Manufacturer Of Connectors, Adaptors & Cable Assemblies</u></p> <ul style="list-style-type: none">- Design & Manufacture Microwave Connectors up to 110 GHz - 

NEW PRODUCT NEWS FEBRUARY 2020



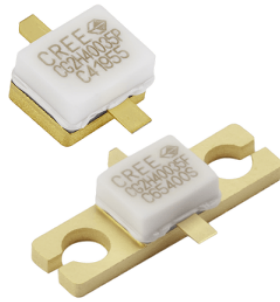
WOLFSPEED LAUNCH NEW GAN TRANSISTORS AND MMICS

UK Stock available on all new releases

CG2H40035

- 2nd Generation 35 W Transistor
- Up to 6 GHz Operation

(35 W, DC - 6 GHz, RF Power GaN HEMT)



- 40 W Typical PSAT
- 64% Efficiency at PSAT
- 14 dB Small Signal Gain at 3.5 GHz
- 28 V Operation
- 64% Efficiency at PSAT

[Click here for datasheet](#)

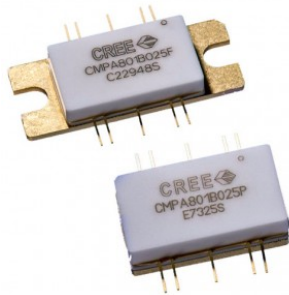
CMPA601J025D
(25 W (CW), 6.0-18.0 GHz GaN MMIC Power Amplifier)



- > 30 dB Typical Small Signal Gain
- 35 W Typical PSAT
- Operation up to 22 V
- High Breakdown Voltage
- High Temperature Operation
- Size 0.157 x 0.239 x 0.003 inches

[Click here for datasheet](#)

CMPA801B025
(25 W, 8.5-11.0 GHz, GaN MMIC Power Amplifier)



- 8.5 - 11.0 GHz Operation
- 37 W POUT typical
- 16 dB Power Gain
- 36 % Typical PAE
- 50 Ohm internally matched
- <0.1 dB Power droop

[Click here for datasheet](#)

CG2H80045D
(45 W, DC-8.0 GHz, GaN High Electron Mobility Transistor HEMT Die)



- 12 dB Gain at 8 GHz
- 15 dB Gain at 4 GHz
- 45 W Typical PSAT
- 28 V Operation
- High Breakdown Voltage
- Shipped in Gel-Pak® Containers

[Click here for datasheet](#)

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

LEARN MORE ABOUT WOLFSPEED



ECLIPSE MDI SUPPLY HIGH PERFORMANCE ANALOGUE

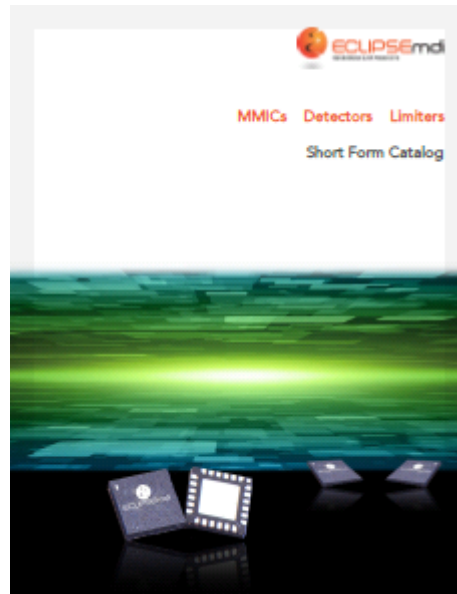
SEMICONDUCTORS FOR USE IN RF, MICROWAVE & MILLIMETER WAVE FOR COMMERCIAL & INDUSTRIAL APPLICATIONS



- GaAs MMIC Amplifiers
- Detectors
- Limiters
- Mixers & Frequency Doublers
- Gain Equalisers
- Couplers & Power Dividers

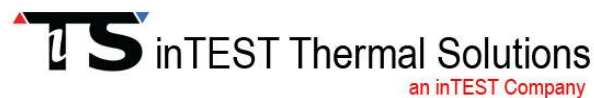
Eclipse also supply discontinued MACOM Tunnel Diodes

Click below for product brochure



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

LEARN MORE ABOUT ECLIPSE MDI



INTRODUCING THE NEW DIGITAL DUT FUNCTION

AVAILABLE NOW!

Utilising your DUT's integrated temperature sensor, the Thermostream is now able to use this data to control test temperature without the need for an additional T or K type thermocouple

BENEFITS

- Time saving in Test Process
- Increased accuracy and control of DUT temperature



- Greater repeatability of temperature test

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

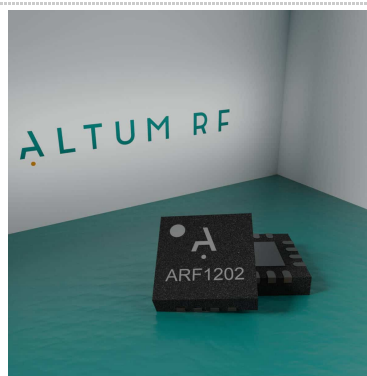
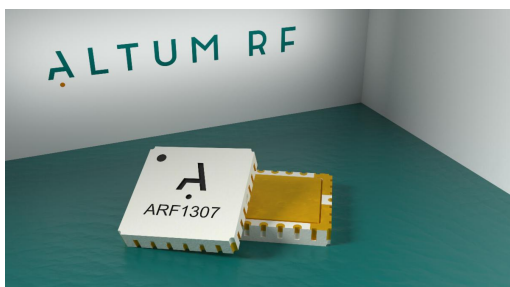
LEARN MORE ABOUT INTEST

ALTUM RF

MELCOM APPOINTED AS UK & IRELAND REPRESENTATIVE

Based in Europe, Altum RF design and develop a broad range of high performance RF products for Commercial, Industrial and Defence applications.

- FREE FROM EXPORT RESTRICTIONS
- FAST EXPANDING ROADMAP FOR STANDARD PRODUCTS
- CUSTOM DESIGN AVAILABLE



Using proven technologies such as GaAs, GaN, SiGe or RF CMOS, Altum RF supply the following solutions:

- Low Noise Amplifiers
- MMIC Amplifiers
- Bare Die Amplifiers
- GaAs FET MMIC Switches
- Phase Shifters
- S and X Band Radar Components
- Commercial 5G Applications

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

LEARN MORE ABOUT ALTUM RF



MICABLE SPECIALISE IN HIGH PERFORMANCE VNA & CABLE ASSEMBLIES UP TO 67 GHz



- Competitively priced
- Short lead time
- Excellent performance and quality

New DC-67 GHz Precision Test Cable for VNA

MiCable ISO9001 CERTIFIED
GB 9001B CERTIFIED

DC~67GHz Precision Test Cable for Vector Network Analyzer

Feature & Advantage:

- Phase Stability vs. Flex: $\leq 2^\circ$ @67GHz
- Amplitude Stability: $\leq 0.1\text{dB}$ @67GHz
- Phase Stability vs. Temp: $\leq 50\text{ppm}$ @ $-40^\circ\text{C} \sim +70^\circ\text{C}$
- Low VSWR: 1.35:1 @67GHz Max.
- Low Loss: 6.2dB @67GHz Typ.
- Excellent Strain Relief Design & Rugged Configuration
- High Quality, Competitive Price

NEW

Tested VSWR For VNA67-0P-1V-2FT

Tested VSWR For VNA67-0Y-1V-2FT

P/N: VNA67-0P-1V-L, VNA67-0Y-1V-L
0P=1.85mm Male, 0Y=1.85mm Female, 1V=NMD1.85mm Female

affiliated with **SSI**

More Information: Scan the QR Code

Fuzhou Micable Electronic Technology Co., Ltd.
Tel: +86-591-87382856 Email: sales@micable.cn Website: www.micable.cn

New C29S Superbend Microwave & Millimeter Wave Cable Assemblies

MiCable ISO9001 CERTIFIED
GB 9001B CERTIFIED

NEW C29S Superbend Microwave & Millimeter Wave Cable Assemblies

Up to 50GHz

- Low Loss
- Low VSWR
- High Shielding Effectiveness
- High Retention Force
- Eliminates Need for Costly Right Angle Connectors

★ Connectors Available: SMA Male (26.5GHz)
2.92mm Male (40GHz)
2.4mm Male (50GHz)

26.5GHz 40GHz 50GHz

affiliated with **SSI**

More Information: Scan the QR Code

Fuzhou Micable Electronic Technology Co., Ltd.
Tel: +86-591-87382856 Email: sales@micable.cn Website: www.micable.cn

[Click here to view full product brochure](#)

MiCable

Microwave Millimeter Wave Cable Assembly Expert

Product Manual (2018)



Micable Standard Products are *in Stock* for Fast Delivery !

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

LEARN MORE ABOUT MICABLE



**SOUTHWEST MICROWAVE DESIGN AND MANUFACTURE A BROAD RANGE
OF CONNECTORS, ADAPTORS, CABLES & CABLE ASSEMBLIES UP TO
110 GHz**



- Lowest VSWR & Insertion Loss
- Excellent repeatability and low batch to batch variation
- Rugged & durable
- Field replacements/serviceable
- HFSS simulation and launch design support
- Space/Hi-Rel qualified products available

Click below for Corporate Brochure

THE

PERFORMANCE LEADER

IN MICROWAVE CONNECTORS

18 GHz

Keyed Connectors

27 GHz

SuperSMA Connectors

40 GHz

2.92 mm (K) Connectors

50 GHz

2.40 mm Connectors

67 GHz

1.85 mm (V) Connectors

67 GHz

0.9 mm SuperMini Connectors

67 GHz

SuperMini Board-to-Board Connectors

up to 67 GHz

SSBP MultiPort Cable Harnesses

110 GHz

1.0 mm (W) Connectors

up to 110 GHz

Board Mount Connectors

up to 110 GHz

Precision Adapters

Lowest VSWR and Insertion Loss

Excellent Repeatability

Rugged and Durable

Field Replaceable / Serviceable

Transmission Line Design Approach

Space / Hi-Rel Qualified

Materials Traceability and Lot Control

Southwest Microwave, Inc.

+1 (480) 783-0201 | www.southwestmicrowave.com

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

LEARN MORE ABOUT SOUTHWEST MICROWAVE

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