

NEW PRODUCT NEWS - JANUARY 2021

In this January 2021 Issue:

- **Bliley** - Offers a wide range of OCXOs, TCXOs and Disciplined Oscillators & Sub-Systems for Space, Assured Timing & G-Compensation Applications
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- **Exelia** - Introduce High Capacity Felsic Caps
- **EPX Microwave** - New 40 GHz, 7 & 8 Way Coaxial Switches
- **Boonton** - 4 kHz to 40 GHz RF Power Meter
- **Altum RF** - Announces 2 year contract with ESA (European Space Agency)



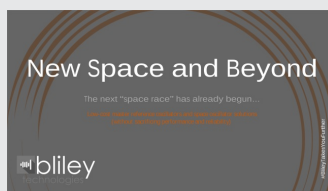
Bliley Product Focus

Bliley offers a wide range of OCXOs, TCXOs and Disciplined Oscillators & Sub-Systems for Space, Assured Timing & G-Compensation Applications

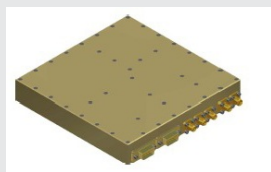
Cost effective Master Reference Oscillators and Space Oscillator solutions without sacrificing performance and reliability



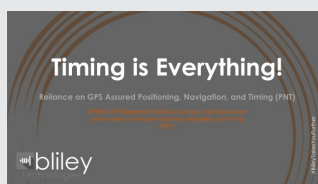
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GPSDO (GPS Disciplined Oscillator) provides a cost effective and precise means for Assured Positioning, Navigation and Timing (PNT)



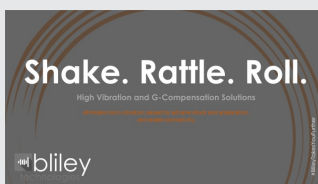
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High Vibration and G-Compensation Solutions eliminate performance degradation caused by extreme shock and acceleration and enables connectivity



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Bliley's extensive product line offers high performance at lower cost, low noise, low power, low-g acceleration sensitivity and small form factors



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[Learn more about Bliley](#)

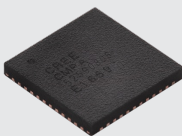
[Contact Melcom - for detailed specification, pricing & availability](#)



New Wolfspeed Products

New GaN MMIC & 5G Cellular Products

CMPA5259080S
80 W, 5.0 - 5.9 GHz, GaN MMIC,
Power Amplifier



- >48% Typical Power Added Efficiency
- 29 dB Small Signal Gain
- 110 W Typical PSAT
- Operation up to 40 V
- High Breakdown Voltage
- High Temperature Operation

[Datasheet](#)

**RF Power Products for Cellular
Infrastructure Presentation**



[Learn More About Wolfspeed](#)

[Contact Melcom - for detailed specification, pricing & availability](#)



New High Capacity Felsic Caps

Exxelia's new Felsic HC provides the highest energy density of screw terminal Aluminum Electrolytic Capacitor

FELSIC HC



- Capacitance from 100μF to 3 121 000μF
- Energy density up to 21 μF/cm³ for a custom design
- Voltages from 10V to 500V
- Life time of 8000 hours at 85°C
- Operating Temperature -40°C to +85°C

[Datasheet](#)



[Learn more about Exxelia](#)

[Contact Melcom - for detailed specification, pricing & availability](#)



New 40 GHz, 7 and 8 way Coaxial Switches

EPX Microwave introduce Single-Pole-Multi-Throw (SP7T-SP8T) DC to 40 GHz

SP7T/SP8T
40 GHz, Single Pole 7 & 8 Way Switch



- Broadband: DC - 40 GHz
- Extended Life: 1 million cycles
- Excellent Repeatability
- Low Insertion Loss
- 50Ω Internal Terminations
- Available in 7 or 8 Positions

[Datasheet](#)

[Learn more about EPX Microwave](#)

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The PMX40 provides design engineers and technicians the utility of traditional benchtop instrument, the flexibility and performance of modern USB RF power sensors, and the simplicity of a multi-touch display

PMX40
4 kHz to 40 GHz RF Power Meter



- Capture/display/analyse peak and average power
- Frequency range from 4 kHz to 40 GHz
- Industry-leading video bandwidth (195 MHz) and rise time (3 ns)
- Industry-leading 100,000 measurements per second
- Industry-leading time resolution as fine as 100 ps
- Synchronous multi-channel measurements (up to 4 channels)
- Sensors can be used as standalone instruments

Datasheet

Learn more about Boonton

[Contact Melcom - for detailed specification, pricing & availability](#)

Altum RF Announces Two-Year Contract with ESA for GaN...

Altum RF announced a two-year contract with European Space Agency (ESA) under the ARTES Advanced Technology programme to design and develop GaN Ka-Band high-power amplifiers for very small aperture terminals (VSATs). Starting in January 2021, the ...

[Click here for full article](#)

Learn more about Altum RF

[Contact Melcom - for detailed specification, pricing & availability](#)

