New Product Announcements:

- **Amphenol** – Always IRC compact RF connector lines
- **Analog Devices** – New low-cost, high-efficiency power amplifiers
- **Applied Magnetics** – New high-performance inductors
- **Broadcom** – New quad-band wireless transmitters
- **Cherry** – New series of multi-section connectors
- **CML Microcircuits** – New RF power amplifiers
- **Cree** – New GaN and LDMOS devices
- **DeVold** – New RF coaxial connectors
- **Diversified** – New RF surge arrestors
- **Ericsson** – New small cell power amplifiers
- **Infineon** – New GaN power transistors
- **IntelligentBeam** – New high-speed optical transceivers
- **Johnson** – New RF and microwave components
- **Koherent** – New RF phase shifters
- **Koheras** – New high-power oscillators
- **Laird** – New RF shielding solutions
- **Laird Technologies** – New RF and microwave components
- **Lumina** – New RF and microwave components
- **MACOM** – New RF power amplifiers
- **Maxim** – New high-speed optical transceivers
- **Microsemi** – New RF and microwave components
- **Microchip** – New RF and microwave components
- **Murata** – New RF and microwave components
- **NXP** – New RF and microwave components
- **Palomar** – New RF and microwave components
- **PolyPhase** – New RF and microwave components
- **Poly-Phase** – New RF and microwave components
- **Pulse** – New RF and microwave components
- **Qorvo** – New RF and microwave components
- **Ralph** – New RF and microwave components
- **Renesas** – New RF and microwave components
- **Rohde & Schwarz** – New RF and microwave components
- **Salient** – New RF and microwave components
- **Saville** – New RF and microwave components
- **Skyworks** – New RF and microwave components
- **SRAM** – New RF and microwave components
- **Taiyo Yuden** – New RF and microwave components
- **Teledyne** – New RF and microwave components
- **Tessi** – New RF and microwave components
- **Toshiba** – New RF and microwave components
- **Turbomeca** – New RF and microwave components
- **Wolfspeed** – New RF and microwave components
- **X-Four** – New RF and microwave components
- **X-Four** – New RF and microwave components
- **Yamada** – New RF and microwave components

To learn more, go to:

richardsonrfpd.com/PressReleases

Richardson RFPD Distribution Announcements:

- **Analog Devices** – Expanded global distribution agreement to include Linear Technologies products / Power by Linear™
- **BTA-AMetis** – New high-performance inductors
- **Broadcom** – New wireless transmitters
- **CML Microcircuits** – New RF power amplifiers
- **CoreSensors** – New RF and microwave components
- **DeVold** – New RF coaxial connectors
- **Diversified** – New RF surge arrestors
- **Ericsson** – New small cell power amplifiers
- **IntelligentBeam** – New high-speed optical transceivers
- **Johnson** – New RF and microwave components
- **Koherent** – New RF phase shifters
- **Koheras** – New high-power oscillators
- **Laird** – New RF shielding solutions
- **Laird Technologies** – New RF and microwave components
- **Lumina** – New RF and microwave components
- **MACOM** – New RF power amplifiers
- **Maxim** – New high-speed optical transceivers
- **Microchip** – New RF and microwave components
- **Murata** – New RF and microwave components
- **NXP** – New RF and microwave components
- **Pulse** – New RF and microwave components
- **Qorvo** – New RF and microwave components
- **Ralph** – New RF and microwave components
- **Renesas** – New RF and microwave components
- **Rohde & Schwarz** – New RF and microwave components
- **Salient** – New RF and microwave components
- **Saville** – New RF and microwave components
- **Skyworks** – New RF and microwave components
- **SRAM** – New RF and microwave components
- **Taiyo Yuden** – New RF and microwave components
- **Teledyne** – New RF and microwave components
- **Tessi** – New RF and microwave components
- **Toshiba** – New RF and microwave components
- **Turbomeca** – New RF and microwave components
- **Wolfspeed** – New RF and microwave components
- **X-Four** – New RF and microwave components
- **Yamada** – New RF and microwave components

To learn more, go to:

richardsonrfpd.com/PressReleases

Richardson RFPD offers the latest in innovative RF, microwave and millimeter technology. To keep abreast of new products from Richardson RFPD, please subscribe to our monthly email newsletter.
## CATV

**5W Power Handling**
- 1.7-6.3GHz, EIA 0805, 0302-3737 package
- Conductor: AlN / BeO
- Q-Bridge SMT Thermal Management
- DK0060T

**5 dB Gain +/- 0.1 dB**
- 3.1; DC - 1218 MHz; Amplifier DOCSIS Broadband/CATV

**+33 dBm OIP3**
- 19.5 Gain dB; 1.1 dB NF; 0.01-10 GHz; RF & MW LNA

**1.4 dB NF; -68 dBc CTB**
- 5 - 1218 MHz; Amplifier DOCSIS 3.1; 5 - 4000 (75 Ohm) LNA

## CELLULAR INFRASTRUCTURE

**Latest in RF Technology**

**Frequencies**
- 2.4 – 6GHz Cut off

**Thin Film, 0402 EIA,**
- 15dB gain, 28V

**0.01-2.8GHz, 10W,**
- RF Power Amplifier IC, Surface Mount Non-Mag

**1.2 pF; MELF,**
- RF PIN Diode

**1.4 dB NF; -74 dBc CTB**
- DOCSIS 3.1; 5 - 4000 (75 Ohm) LNA

**+19.8 dBm P1dB; 0.38 dB NF;**
- 1400 - 2700 MHz; Amplifier MRI 64 MHz; RF & MW Driver

## AEROSPACE & DEFENSE

**2.2kW, GaN HEMT**
- 1030-1090MHz, RF Pallet Amplifier

**3.1-3.5GHz, 130W, GaN Amplifier Module**
- RF Power

**3.7 dBi, Linear Polarization**
- 4G Cat-4 with 3G fallback, Cellular Router, E228

**35 dB Isolation**
- and diversity switching, PA, LNA w/bypass, SKY66112-11

## INDUSTRIAL, SCIENTIFIC, AND MEDICAL

**INTERNET OF THINGS (IOT)**

**Latest in RF Technology**

**GSM998**
- 3G/2G/1Ghz, 4x4 MIMO

**6942402 8SB**
- 2.4 GHz, Low Jitter/Phase Noise, Clock Module

**9615024 8SB**
- 2.4 GHz, Low Jitter/Phase Noise, Clock Module
Richardson RFPD, an Allegheny Company.

Latest in RF Technology

New Product Announcements:
• Amphenol – AMC to Fair RF Cable Assemblies
• Analog Devices – ADV7174 DTV/HD Wireless Transmitter, Receiver and Transceiver IC family
• GNi Systems – 100W & 300W Wireless Power Transfer Evaluation Boards
• Guerrilla RF – Diver Amp, LNA, and Gain Block
• HUBER+SUHNER – Connectorized High Power Limiters
• HUBER+SUHNER – Miniبرd L Cable Assemblies for PCI Gen 4 Compliance Testing
• MACOM – Fast Protection M Ri Diode
• MACOM – High-Linearity DC-3.1 GHz CATV Amplifier
• NXP – RF Energy Ecosystem with pallet amplifier, RF module, and RF demonstration system
• pSemi – Nine SPIF, SPIH, and SPI27 Absorptive Switches
• PolyPhase – 4.3-10 Connectorized RF Lightning arrester
• Richardson RFPD – Small Cell (SDR) Development Kit
• Richardson RFPD – Front End Module RF Card
• Sierra Wireless – LTE-Advanced Pro Embedded IoT Modules
• Skyworks – Front-End Module for Internet of Things Applications
• TE – Board Level EMI shields
• UMS – GaN on SiC DC-12GHz Reflective SPDT Switch

Richardson RFPD Distribution Announcements:
• Analog Devices – Expanded global distribution agreement to include Linear Technologies products / Power by Linear®
• AnADeas Technologies – Roll out SDR Design Seminar Schedule
• Guerrilla RF – Assigned Richardson RFPD as demand creation distributor of SMT Ground pads
• HUBER+SUHNER – Expanded global exclusive distribution agreement to include CMD and UMD series universal footprint duplexers
• MACOM – Fast Protection MRI Diode

Subscribe to our newsletter
Richardson RFPD offers the latest in innovative RF, microwave and millimeter technology.
To keep up with new products from Richardson RFPD, please subscribe to our monthly email newsletter.

To learn more, go to:
richardsonrfpd.com/PressReleases

Driving Innovation in RF & Wireless, Internet of Things, and Power & Energy Design

To keep abreast of new products from Richardson RFPD, please subscribe to our monthly email newsletter.

New Product Announcements:
• Amphenol – AMC to Fair RF Cable Assemblies
• Analog Devices – ADI7174 DTV/HD Wireless Transmitter, Receiver and Transceiver IC family
• GNi Systems – 100W & 300W Wireless Power Transfer Evaluation Boards
• Guerrilla RF – Diver Amp, LNA, and Gain Block
• HUBER+SUHNER – Connectorized High Power Limiters
• HUBER+SUHNER – Miniبرd L Cable Assemblies for PCI Gen 4 Compliance Testing
• MACOM – Fast Protection M Ri Diode
• MACOM – High-Linearity DC-3.1 GHz CATV Amplifier
• NXP – RF Energy Ecosystem with pallet amplifier, RF module, and RF demonstration system
• pSemi – Nine SPIF, SPIH, and SPI27 Absorptive Switches
• PolyPhase – 4.3-10 Connectorized RF Lightning arrester
• Richardson RFPD – Small Cell (SDR) Development Kit
• Richardson RFPD – Front End Module RF Card
• Sierra Wireless – LTE-Advanced Pro Embedded IoT Modules
• Skyworks – Front-End Module for Internet of Things Applications
• TE – Board Level EMI shields
• UMS – GaN on SiC DC-12GHz Reflective SPDT Switch

Richardson RFPD Distribution Announcements:
• Analog Devices – Expanded global distribution agreement to include Linear Technologies products / Power by Linear®
• AnADeas Technologies – Roll out SDR Design Seminar Schedule
• Guerrilla RF – Assigned Richardson RFPD as demand creation distributor of SMT Ground pads
• HUBER+SUHNER – Expanded global exclusive distribution agreement to include CMD and UMD series universal footprint duplexers
• MACOM – Fast Protection MRI Diode

Subscribe to our newsletter
Richardson RFPD offers the latest in innovative RF, microwave and millimeter technology.
To keep up with new products from Richardson RFPD, please subscribe to our monthly email newsletter.

To learn more, go to:
richardsonrfpd.com/PressReleases

Driving Innovation in RF & Wireless, Internet of Things, and Power & Energy Design

To keep abreast of new products from Richardson RFPD, please subscribe to our monthly email newsletter.

New Product Announcements:
• Amphenol – AMC to Fair RF Cable Assemblies
• Analog Devices – ADI7174 DTV/HD Wireless Transmitter, Receiver and Transceiver IC family
• GNi Systems – 100W & 300W Wireless Power Transfer Evaluation Boards
• Guerrilla RF – Diver Amp, LNA, and Gain Block
• HUBER+SUHNER – Connectorized High Power Limiters
• HUBER+SUHNER – Miniبرd L Cable Assemblies for PCI Gen 4 Compliance Testing
• MACOM – Fast Protection M Ri Diode
• MACOM – High-Linearity DC-3.1 GHz CATV Amplifier
• NXP – RF Energy Ecosystem with pallet amplifier, RF module, and RF demonstration system
• pSemi – Nine SPIF, SPIH, and SPI27 Absorptive Switches
• PolyPhase – 4.3-10 Connectorized RF Lightning arrester
• Richardson RFPD – Small Cell (SDR) Development Kit
• Richardson RFPD – Front End Module RF Card
• Sierra Wireless – LTE-Advanced Pro Embedded IoT Modules
• Skyworks – Front-End Module for Internet of Things Applications
• TE – Board Level EMI shields
• UMS – GaN on SiC DC-12GHz Reflective SPDT Switch

Richardson RFPD Distribution Announcements:
• Analog Devices – Expanded global distribution agreement to include Linear Technologies products / Power by Linear®
• AnADeas Technologies – Roll out SDR Design Seminar Schedule
• Guerrilla RF – Assigned Richardson RFPD as demand creation distributor of SMT Ground pads
• HUBER+SUHNER – Expanded global exclusive distribution agreement to include CMD and UMD series universal footprint duplexers
• MACOM – Fast Protection MRI Diode

Subscribe to our newsletter
Richardson RFPD offers the latest in innovative RF, microwave and millimeter technology.
To keep up with new products from Richardson RFPD, please subscribe to our monthly email newsletter.

To learn more, go to:
richardsonrfpd.com/PressReleases

Driving Innovation in RF & Wireless, Internet of Things, and Power & Energy Design

To keep abreast of new products from Richardson RFPD, please subscribe to our monthly email newsletter.

New Product Announcements:
• Amphenol – AMC to Fair RF Cable Assemblies
• Analog Devices – ADI7174 DTV/HD Wireless Transmitter, Receiver and Transceiver IC family
• GNi Systems – 100W & 300W Wireless Power Transfer Evaluation Boards
• Guerrilla RF – Diver Amp, LNA, and Gain Block
• HUBER+SUHNER – Connectorized High Power Limiters
• HUBER+SUHNER – Miniبرd L Cable Assemblies for PCI Gen 4 Compliance Testing
• MACOM – Fast Protection M Ri Diode
• MACOM – High-Linearity DC-3.1 GHz CATV Amplifier
• NXP – RF Energy Ecosystem with pallet amplifier, RF module, and RF demonstration system
• pSemi – Nine SPIF, SPIH, and SPI27 Absorptive Switches
• PolyPhase – 4.3-10 Connectorized RF Lightning arrester
• Richardson RFPD – Small Cell (SDR) Development Kit
• Richardson RFPD – Front End Module RF Card
• Sierra Wireless – LTE-Advanced Pro Embedded IoT Modules
• Skyworks – Front-End Module for Internet of Things Applications
• TE – Board Level EMI shields
• UMS – GaN on SiC DC-12GHz Reflective SPDT Switch

Richardson RFPD Distribution Announcements:
• Analog Devices – Expanded global distribution agreement to include Linear Technologies products / Power by Linear®
• AnADeas Technologies – Roll out SDR Design Seminar Schedule
• Guerrilla RF – Assigned Richardson RFPD as demand creation distributor of SMT Ground pads
• HUBER+SUHNER – Expanded global exclusive distribution agreement to include CMD and UMD series universal footprint duplexers
• MACOM – Fast Protection MRI Diode

Subscribe to our newsletter
Richardson RFPD offers the latest in innovative RF, microwave and millimeter technology.
To keep up with new products from Richardson RFPD, please subscribe to our monthly email newsletter.

To learn more, go to:
richardsonrfpd.com/PressReleases

Driving Innovation in RF & Wireless, Internet of Things, and Power & Energy Design

To keep abreast of new products from Richardson RFPD, please subscribe to our monthly email newsletter.

New Product Announcements:
• Amphenol – AMC to Fair RF Cable Assemblies
• Analog Devices – ADI7174 DTV/HD Wireless Transmitter, Receiver and Transceiver IC family
• GNi Systems – 100W & 300W Wireless Power Transfer Evaluation Boards
• Guerrilla RF – Diver Amp, LNA, and Gain Block
• HUBER+SUHNER – Connectorized High Power Limiters
• HUBER+SUHNER – Miniبرd L Cable Assemblies for PCI Gen 4 Compliance Testing
• MACOM – Fast Protection M Ri Diode
• MACOM – High-Linearity DC-3.1 GHz CATV Amplifier
• NXP – RF Energy Ecosystem with pallet amplifier, RF module, and RF demonstration system
• pSemi – Nine SPIF, SPIH, and SPI27 Absorptive Switches
• PolyPhase – 4.3-10 Connectorized RF Lightning arrester
• Richardson RFPD – Small Cell (SDR) Development Kit
• Richardson RFPD – Front End Module RF Card
• Sierra Wireless – LTE-Advanced Pro Embedded IoT Modules
• Skyworks – Front-End Module for Internet of Things Applications
• TE – Board Level EMI shields
• UMS – GaN on SiC DC-12GHz Reflective SPDT Switch

Richardson RFPD Distribution Announcements:
• Analog Devices – Expanded global distribution agreement to include Linear Technologies products / Power by Linear®
• AnADeas Technologies – Roll out SDR Design Seminar Schedule
• Guerrilla RF – Assigned Richardson RFPD as demand creation distributor of SMT Ground pads
• HUBER+SUHNER – Expanded global exclusive distribution agreement to include CMD and UMD series universal footprint duplexers
• MACOM – Fast Protection MRI Diode

Subscribe to our newsletter
Richardson RFPD offers the latest in innovative RF, microwave and millimeter technology.
To keep up with new products from Richardson RFPD, please subscribe to our monthly email newsletter.

To learn more, go to:
richardsonrfpd.com/PressReleases

Driving Innovation in RF & Wireless, Internet of Things, and Power & Energy Design

To keep abreast of new products from Richardson RFPD, please subscribe to our monthly email newsletter.
Richardson RFPD offers the latest in innovative RF, microwave and millimeter technology.

To learn more, go to:

richardsonrfpd.com/PressReleases

For more information on Richardson RFPD’s new products, contact a Richardson RFPD sales representative at 1-800-737-6937.

Subscribe to our email newsletter at richardsonrfpd.com/subscribe.

Richardson RFPD offers the latest in innovative RF, microwave and millimeter technology. To learn more, go to richardsonrfpd.com/PressReleases.