New Products Released by
PLANAR MONOLITHICS INDUSTRIES, INC (PMI)
on OCTOBER 2, 2013

85MHz to 18.0GHz, Vector Modulator

PMI Model No. PIQ-85M18G-36020-CD-2

PMI Model No. PIQ-85M18G-36020-CD-2 is a Vector Modulator covering the frequency range of 85MHz to 18GHz. This unit provides an attenuator resolution of 0.1dB and a phase shift resolution of 0.8 degrees. The attenuation is phase invariant and the phase is amplitude invariant making it ideal for nulling unwanted signals. The unit can be specifically calibrated for any number of 100MHz bands within the full operating frequency range of 85MHz to 18GHz.

Please click PMI Website Link,

5.0 to 5.15GHz, 20 Watt, SP2T, Reflective Switch with <40nsec switching speed

PMI Model No. P2T-5G5D15G-30-R-528-SFF-20W

PMI Model No. P2T-5G5D15G-30-R-528-SFF-20W is a single pole, two throw, reflective switch capable of handling input power up to 20 Watts CW. The frequency range is 5000 to 5150MHz and it has 30dB of isolation with a switching speed of less than 40nsec. The unit is supplied with SMA Female connectors in a package measuring 1.2" x 1.0" x 0.5".

Please click PMI Website Link,
http://www.pmi-rf.com/products/switches/P2T-5G5D15G-30-R-528-SFF-20W.htm
PMI Model No. DTA-22G28G-50-CD-1

PMI Model DTA-22G28G-50-CD-1 is a 50dB monotonic programmable attenuator with 11-bit resolution that provides a step size of 0.025dB. It has also been designed to have very low insertion loss over the frequency range of 22.5 to 27.5GHz.


2.75 to 5.0, Bandpass Filter centered at 3.875GHz

PMI Model No. BPF3D875-2D25-CD-SFF

PMI Model No. BPF3D875-2D25-CD-SFF is a Bandpass filter that has a center frequency of 3.875GHz and a Passband of 2.25GHz. The passband insertion loss is 2.0dB max with a VSWR of 2.0:1 max. The filter measures 2.50" x 0.8" x 0.5" and is supplied with SMA Female connectors

Please click PMI Website Link, http://www.pmi-rf.com/Products/filters/BPF3D875-2D25-CD-SFF.htm

960 to 977MHz, 20 Watt, SP2T, Reflective Switch with <40nsec switching speed

PMI Model No. P2T-960M977M-30-R-528-SFF-20W

PMI Model No. P2T-960M977M-30-R-528-SFF-20W is a single pole, two throw, reflective switch capable of handling input power up to 20 Watts CW. The frequency range is 960 to 977MHz and it has over 40dB of typical isolation with a switching speed of less than 40nsec. The unit is supplied with SMA Female connectors in a package measuring 1.2" x 1.0" x 0.5".

Please click PMI Website Link, http://www.pmi-rf.com/products/switches/P2T-960M977M-30-R-528-SFF-20W.htm
PMI offers just about any RF/Microwave component, module, or system for both commercial and military based requirements. Please click on the product types below to be directed to our web site catalog. Components and modules can be modified to meet your exact requirement. (Click on links below to be directed to the web listings)

- Low Noise Amplifiers
- Threshold Detectors
- Filters & Switch Filter Banks
- Dielectric Resonator Oscillators
- Diode Detectors
- Digital Attenuators
- Digitally Tuned Oscillator
- Frequency Discriminators
- I/Q Vector Modulators
- Limiters
- Multifunction Integrated Assemblies
- Phase Shifters
- Power Dividers/Combiners
**Quadrature Couplers**

**SDLVA's**

**Switch Matrices**

**DLVA / ERDLVA**

**Receiver Front Ends**

**SMT and QFN Packaging**

**Rack Mount & Chassis Products**

**Solid-State Switch Products**

**Switchable Low-Noise LNA's**

**OEM & Obsolete Parts Support**

**In-Stock items that ship the same day!!**

**"NEW" Products offered by PMI: High Quality - Custom Tailored Solutions**

- Voltage Controlled Oscillators (VCO's)
- Frequency Sources (Synthesizers & Phase Locked Loops)
- Solid State RF Attenuators
- Frequency Multipliers
- 90 and 180 Degree Hybrids
- Single Side-Band Modulators and Image Rejection Mixers
- Down Converter Modules
- Test Loop Translators
- Phase Detectors
- Phase Comparators
- Clock Generators
- Couplers
- Many Others - Click here for additional information
We truly value your interest in our companies and our products. We appreciate your feedback. Please feel free to contact us with any requirements or questions that you may have.

Sincerely,

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