New Products Released by
PLANAR MONOLITHICS INDUSTRIES, INC (PMI)
on January 15, 2014

- 1.0 APD-2-100M18G-CD-1: 0.1 to 18.0GHz, 2-Way Power Divider
- 2.0 P4T-100M40G-90-T-512-292FF-IND: 0.1 to 40.0GHz, SP4T, Absorptive, Pin Diode Switch
- 3.0 PE2-15-1R018R0-4R5-22-12-SFF: 1.0 to 8.0GHz, 15dB Gain, Low Noise Amplifier
- 4.0 PEC-20M3G-8T-SFGM-LV: 0.02 to 3.0GHz, SP8T, Non Reflective Switch
- 5.0 TD-30T-218-FC-HS: 2.0 to 18.0GHz, High Speed Threshold Detector

Preliminary Product Listing
- 6.0 DGM-18G40G-292FF-DS: Quad Phase & Amplitude Matched mmW(Milimeter Wave) Diplexer-Gain module

1.0: 0.1 to 18.0GHz, 2-Way Power Divider

PMI Model No. APD-2-100M18G-CD-1

PMI Model No. APD-2-100M18G-CD-1 is a two way power divider featuring high isolation, low insertion loss and a low VSWR. It is designed for broadband use and high reliability.

Please Click PMI Website Link,
http://www.pmi-rf.com/Products/power_divider/APD-2-100M18G-CD-1.htm

2.0: 0.1 to 40.0GHz, SP4T, Absorptive, Pin Diode Switch
PMI Model No. P4T-100M40G-90-T-512-292FF-IND

PMI Model No. P4T-100M40G-90-T-512-292FF-IND is an absorptive, single pole, four throw pin diode switch that operates over the 0.1 to 40.0GHz frequency range. This model incorporates a TTL compatible driver for easy system integration.

Please Click PMI Website Link, http://www.pmi-rf.com/Products/Switches/P4T-100M40G-90-T-512-292FF-IND.htm

3.0: 1.0 to 18.0GHz, 15dB Gain, Low Noise Amplifier

PMI Model No. PE2-15-1R018R0-4R5-22-12-SFF

PMI Model No. PE2-15-1R018R0-4R5-22-12-SFF is a 1.0 to 18.0GHz, low noise amplifier that provides 15dB typical gain, a typical noise figure of 4.5dB and offers an OP1dB of 20dB min. The operating voltage is +12 to +15 VDC and the max current draw is 225mA. The unit is supplied with removable SMA(F) connectors in our standard PE2 housing.

Please Click PMI Website Link, http://www.pmi-rf.com/products/amplifiers/PE2-15-1R018R0-4R5-22-12-SFF.htm

4.0: 0.02 to 3.0GHz, SP8T, Non Reflective Switch

PMI Model No. PEC-20M3G-8T-SFGM-LV

PMI Model No. PEC-20M3G-8T-SFGM-LV is a single pole, eight throw, non reflective switch designed to operate over the 20MHz to 3.0GHz frequency range. This model offers ultra low video transients. It is supplied with GPO and SMA female connectors in a housing that measures 4.5" x 3.6" x 0.5".
5.0: 2.0 to 18.0GHz, High Speed Threshold Detector

PMI Model No. TD-30T-218-FC-HS

PMI Model No. TD-30T-218-FC-HS is a high speed threshold detector designed to operate over the 2.0 to 18.0GHz frequency range. It has an external adjustment to vary the threshold level from -10dBm to -20dBm, with a typical input flatness of +/-1.0dB and a VSWR of less than 3.0:1. This unit comes in a very small size with field removable SMA connectors for surface mounting or typical coaxial connection.

Please Click PMI Website Link, http://pmi-rf.com/products/detectors/TD-30T-218-FC-HS1.htm

PRELIMINARY PRODUCT LISTING

6.0: 18.0 to 40.0GHz, Quad Phase & Amplitude Matched mmW (Millimeter Wave) Diplexer-Gain Module

PMI Model No. DGM-18G40G-292FF-DS

PMI Model No. DGM-18G40G-292FF-DS is a Quad Phase & Amplitude Matched mmW (Millimeter Wave) Diplexer-Gain module designed to operate over the 18.0 to 40GHz frequency range with a switched output and an integrated power divider feeding the four antenna inputs via a 20dB coupler for ease of system set up. The band select function not only switches bands, but also allows the amplified bands not in use to be turned off to reduce power consumption. This model is also designed to have better than 60dB harmonic suppression.

Please Click PMI Website Link, http://www.pmi-rf.com/Products/multifunctionmodules/DGM-18G40G-292FF-DS.htm

**DC to 40GHz Components, Modules, and Systems**

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)
**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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