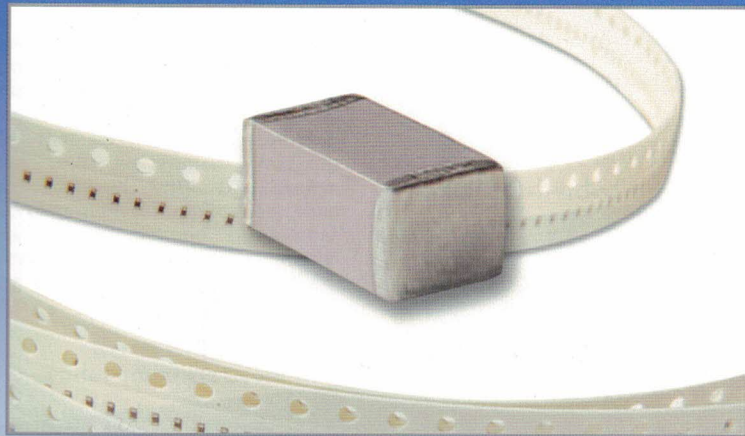


MPD MICROWAVE PRODUCT DIGEST

RF TO LIGHT

FEBRUARY 20

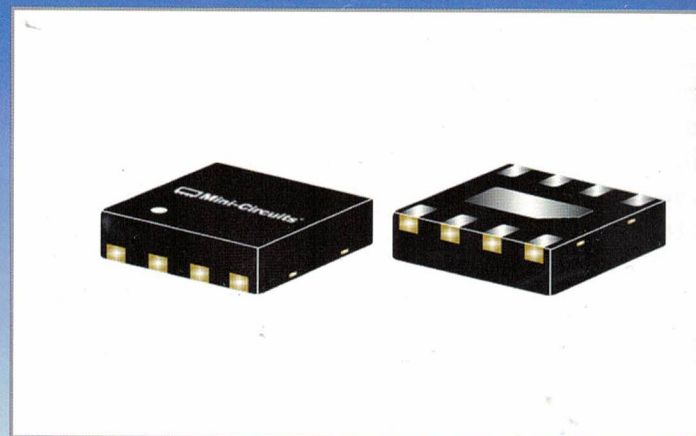
WEBSITE



Broadband Ceramic Capacitors

The 01005BB broadband 100nF multilayer ceramic capacitor is the smallest 100nF broadband part characterized for RF performance. It has a case measuring (mils) 16 x 8 x 8, and offers resonant-free RF coupling/DC blocking from 16 KHz to beyond 65 GHz with <1 dB insertion loss and <-15 dB return loss on suitable substrates. The 01005BB104 is rated at a DC working voltage (WVDC) of 4.0. All parts are in stock.

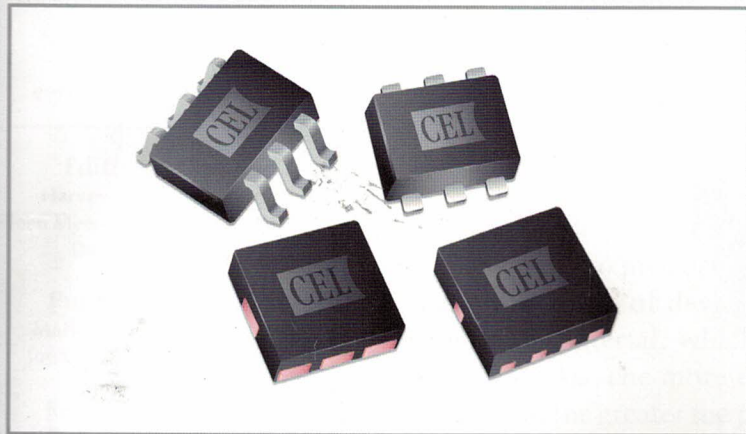
PASSIVE PLUS, INC.



Wideband, High IP3 Monolithic Amplifier

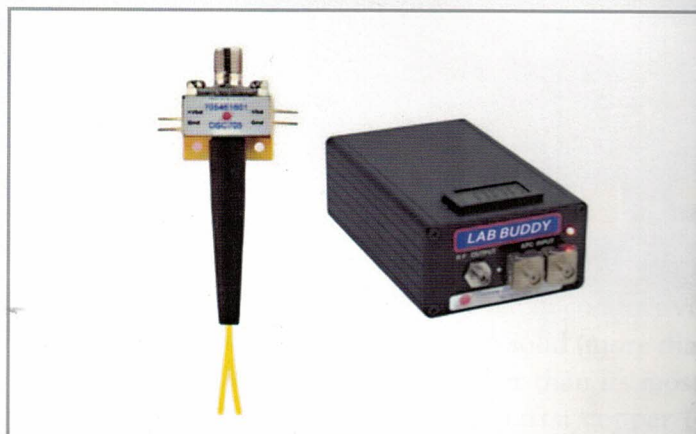
The PMA2-123LN+ is a PHEMT based wideband noise MMIC amplifier with a unique combination of low noise, high IP3, and flat gain over wideband, making it ideal for sensitive, high-dynamic-range receiver applications. This design operates on a single 5 or 6V supply, is impedance matched for 50 ohms, covers the 0.5 to 12 GHz frequency range, and comes in a tiny, low profile package (2x2 lead MCLP).

MINI-CIRCUITS



High Performance, Low Cost RF Switches

A variety of new RF switches have been designed as easy drop-in replacements for a wide range of existing RF products as well as for new designs. These compact and highly reliable RF switches optimize transceiver performance for IoT, industrial, smart home, medical, automotive and RF test applications. They operate over frequency ranges



High Optical Power Handling Balanced Photodiode

New high power balanced photodiodes boast a 50% bandwidth. The DSC705 is a balanced InGaAs photodiode in "push-pull" configuration with each photodiode capable of handling high optical power up to +17 dBm (50mW). As a pair, they will handle +20 dBm (100mW). These high powered balanced photodiodes are available