

MPS2R10-606

Monolithic Surface Mount (MMSM) Series-Shunt SP2T PIN Diode Reflective Switch

New 1 GHz MMSM SP2T PIN Diode Switch Handles 100W CW Power

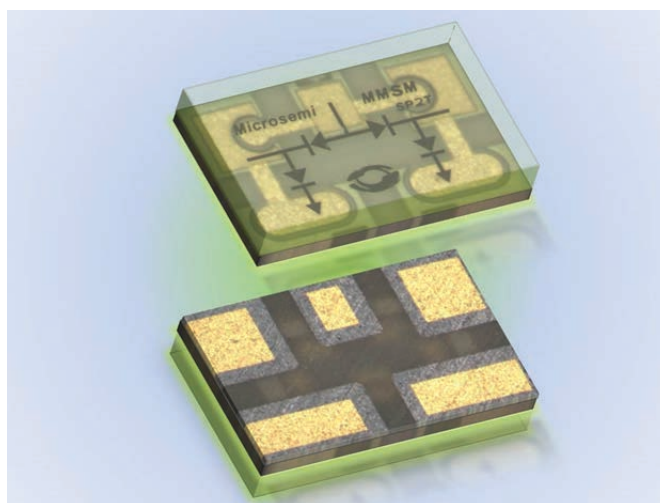
Microsemi is pleased to announce the MPS2R10-606, a new high power Monolithic Surface Mount (MMSM) series-shunt SP2T PIN diode reflective switch. Optimized for high power UHF and Transmit/Receive (T/R) switching applications, the switch provides frequency coverage from 0.1 GHz to 1 GHz with 0.2 dB insertion loss and 55 dB of isolation at mid-band. A simple analog control voltage allows this device to achieve 500 nS switching speeds while handling up to 100 W of continuous wave (CW) power.

Available in a compact (2.03 mm x 1.27 mm) highly-integrated

wafer-scale format, the MPS2R10-606 switch meets RoHS requirements per EU directive 2002/95/EC, and is fully compatible with pick and place and solder reflow manufacturing techniques.

For product sales or technical information contact sales.support@microsemi.com

Microsemi offers a complete line of RF and Microwave GaAs and silicon PIN diodes designed for low intermodulation switching and attenuation. Available products cover a wide variety of applications and range from ultra-low C_j , beam lead PIN diodes capable of switching up to 40 GHz, to high power PIN diodes designed to handle 60 dBm CW power.



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