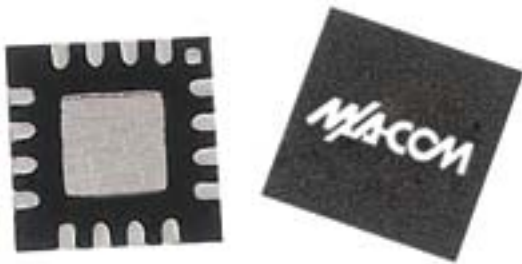


RoHS Compliant SP3T Switch



M/A-COM announces a RoHS-compliant SP3T T/R switch for tri mode mobile phones. The MASWSS0144 switch offers versatility with a low insertion loss, which maximizes system performance while reducing overall design complexity. It is configured to enable switching from a common antenna port to dual band GSM, CDMA, cellular, PCS and GPS receive ports. The design of the MASWSS0144 switch is asymmetric and has dedicated paths for each mode. This allows each path to be optimized for the assigned mode of operation. The MASWSS0144 is designed for the following key typical performance characteristics at 1.0 GHz, 2.7 V control voltage, and PIN of + 34 dBm: insertion loss of 0.6 dB, isolation of 30 dB, cross modulation of – 102 dBm for the CDMA path and third harmonics greater than 72.5 dBc for the GSM path.

M/A-COM

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http://www.wirelessdesignmag.com/product-releases/2005/10/rohs-compliant-sp3t-switch?qt-digital_editions=0