

Hyperabrupt Junction Tuning Varactor



Alpha Industries introduces its latest silicon hyperabrupt junction tuning varactor diode specifically designed for 3V platforms. The SMV1763-079 features high-capacitance ratio and low-reserve voltage, making it ideal for low-phase noise VCOs in wireless systems up to and beyond 2.5 GHz. The tuning varactor is designed for high-volume, low-cost battery applications including low noise and wideband UHF and VHF VCO for WCDMA, GSM, PCS, and analog phones. It is manufactured in the ultra small SC-79 package and available in tape and reel.

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http://www.wirelessdesignmag.com/product-releases/2001/06/hyperabrupt-junction-tuning-varactor?qt-most_popular=0