

## MMIC Switch

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NEC's UPG2035T5F DPDT (Double Pole Double Throw) GaAs MMIC switch operates at frequencies of 2.4 to 2.5 GHz and 4.8 to 6 GHz, so it is suitable for antenna transfer switching between 802.11a and 802.11b/g. High isolation helps to reduce leakage between the Tx and Rx signals. High input power handling capability means higher linearity and lower distortion. Key specifications include: insertion loss of 0.8 dB typ at 2.4 GHz and 1.2 dB typ at 5.8 GHz; isolation of 33 dB typ at 5.8 GHz; and P1dB of +31.0 dBm typ at 2.4 GHz and +30.0 dBm typ at 5.8 GHz.

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