



Power Amplifier Modules for Wireless LAN

With excellent linearity and efficiency, the MMPA 740-series power amplifier modules are optimized for wireless LAN applications such as IEEE 802.11a, 802.11b, and 802.11g. These power amplifiers are designed with InGaP HBT for high reliability and RF performance. All PA modules are integrated with complete 50-ohm input/output impedance matching and power detector in a 5X5X1.5 mm package.

All models operate with a single 3.3V voltage.

Model	Applications	Key Features
MMPA742	2.4-2.5 GHz • 802.11b Wireless LAN	• 26 dBm P1dB • 26 dB Gain • 200 mA @22 dBm Output (CCK)
MMPA742S	2.4-2.5 GHz • 802.11b/g Wireless LAN	• 25.5 dBm P1dB • 30 dB Gain • CCK/OFDM Dual Mode • 190 mA @20 dBm Output (OFDM)
MMPA742X	2.4-2.5 GHz • 802.11b/g Wireless LAN Access Point	• 30 dBm P1dB • 29 dB Gain • CCK/OFDM Dual Mode • 450 mA @22.5 dBm Output (OFDM)
MMPA745	4.9-5.9 GHz • 802.11a Wireless LAN	• 26 dBm P1dB • 22 dB Gain • 160 mA @20 dBm Output (OFDM)
MMPA745X	4.9-5.9 GHz • 802.11a Wireless LAN Access Point	• 28.5 dBm P1dB • 28 dB Gain • 450 mA @22.5 dBm Output (OFDM)