

AM1808 Daughter Card

Card Part Number: 88-00181-00



PRODUCT BRIEF

Description

The **AM1808 Daughter Card** provides wireless LAN and Bluetooth functionality to the Texas Instruments AM1808 EVM development kit. Full feature 802.11 a/b/g/n and Bluetooth version 2.1+EDR are delivered to the development teams enabling rapid product development beginning with a proven development platform.

The daughter card plugs directly onto the LogicPD AM1808 baseboard. The wireless module is Murata LBEH1Z9PFC containing the Texas Instruments WL1273 chipset.

On card 2.4 & 5 GHz chip antennas provide a durable self contained solution for laboratory development activities. In addition, both RF ports are configurable from on-board chip antennas to coaxial connectors providing the option to use external antennas or a direct coaxial cable interface.

Both the high speed reference oscillator and low speed sleep oscillator are contained on the daughter card. Plug-in configuration options to the AM1808 EVM provide for WIFI only, BT only, or simultaneous WIFI + BT operating modes.

The daughter card is intended for use on the LogicPD AM1808 EVM development kit's baseboard. This daughter card is for laboratory development purposes only as it does not include regulatory body emissions reports commonly associated with mass production end products.



Characteristics

Chipset	WL1273
Form factor	Platform daughter card
Standards	IEEE 802.11 a/b/g/n BT v2.1+EDR
Operating Temperature	-20 to +70 deg C
Oscillators	Reference and sleep on card
Antenna options	On board 2.4 & 5 GHz chip antennas. Configurable coaxial connectors.
Compatible to	LogicPD AM1808 EVM Development kit

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