

ATSAMA5D27-WLSOM1 Evaluation Kit



Part Number: DM320117

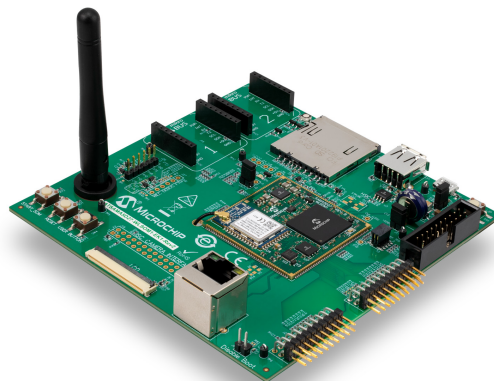
Summary:

The ATSAMA5D27-WLSOM1-EK1 is ideal for evaluating and prototyping with the SAMA5D27-WLSOM1, Wireless System On Module (SOM) and the SAMA5D27C-LD2G, LPDDR2 System In Package (SIP).

The Evaluation Kit is made up of a baseboard, an ATSAMA5D27-WLSOM1 SOM soldered on the baseboard and an ATSAMA5D27C-LD2G SIP soldered on the SOM.

The ATSAMA5D27-WLSOM1 Module integrates

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ATSAMA5D27-WLSOM1-EK1 Evaluation Kit
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Product Features

- SAMA5D27-WLSOM1 System On Module (SOM)
 - SAMA5D27C-LD2G System In Package (SIP)
 - Arm® Cortex®-A5 processor-based SAMA5D2 MPU running up to 500MHz
 - 2-Gbit (256 MB) LPDDR2 DRAM
 - IEEE 802.11 n/g/n Link Controller with integrated Bluetooth® 4.0, Microchip ATWILC3000-MR110UA
 - CryptoAuthentication™ Device, Microchip ATECC608-TNGTLSU
 - Power Management IC, Microchip MCP16502
 - 64 Mb Serial Quad I/O Flash Memory, Microchip SST26VF064BEUI-104I/MF
 - 10Base-T/100Base-TX Ethernet PHY, Microchip KSZ8081RNAIA
 - Analog Comparator, Microchip MIC842NYMT
 - Clock Oscillators and Internal Voltage Regulators
- One 10/100 Ethernet Port
- Two USB Ports
- One SD Card Slot
- LCD & Camera Interfaces
- Two mikroBUS™ sockets
- USB-powered



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