Part Number: EV40E67A

EV40E67A SAM9X60 Curiosity Development Board

Download Primary User Guide

- SAM9X60D1G - 600MHz ARM926EJ-S Core, 200MHz System/Memory Bus
  - 32 kB Data Cache and 32kB Instruction Cache
  - 1-Gbit integrated DDR2
  - Dual CAN
  - Dual SD Card/eMMC
  - Thirteen FLEXCOMs (USART, SPI and I²C)

Read More

In Stock : 428 (Processes Immediately)
When can I get more?

Quantity: 1

Buy Now

Overview

The SAM9X60 Curiosity Development Board is based on the SAM9X60D1G SIP high-performance, low-power ARM926EJ-S CPU-based embedded microprocessor (MPU) running at 600MHz. The SAM9X60D1G Curiosity Development Board small form factor PCB including the SAM9X60D1G (SAM9X60 MPU plus 1Gb integrated DDR2), 4Gbit SLC NAND Flash, a KSZ8081 10/100 Ethernet PHY, and MCP16501 Power Management IC optimized for the module. It is intended for evaluation of all variants of the SAM9X60 MPU, including the System in Package (SIP) variants and the System on Module (SOM).

The SAM9X60 Curiosity Development Board is built on a common set of proven Microchip components to reduce time to market by simplifying hardware design and software development. It also simplifies design rules of the main application board, reducing overall PCB complexity and cost. The SAM9X60 Curiosity Development Board is delivered with a free Linux distribution and bare metal C code examples.

Package Contents

The SAM9X60-Curiosity kit includes the following:

- SAM9X60-Curiosity Development Board
- One USB-A to USB Micro-B cable

Related Tools

LINUX4SAM (LINUX SOFTWARE AND TOOLS)

The www.linux4sam.org website provides access to Microchip's Linux software and tool developments for our MPUs.

Learn More

HIGH-PERFORMANCE WVGA LCD DISPLAY MODULE WITH MAXTOUCH ® TECHNOLOGY

The High-Performance WVGA LCD Display Module with maXTouch Technology (AC320005-5) is designed for evaluating the Microchip's graphics display solution and graphics library for 32-bit microcontrollers and microprocessors. This 5-inch

Learn More

Add to Cart

All Application Notes

Documentation

Title		
SAM9X60-Curiosity User's Guide	Download	☆
SAM9X60 System-On-Module (SOM) Data Sheet	Download	☆
SAM9X60 SIP Data Sheet	Download	☆
SAM9X60 Data Sheet	Download	☆
Altium Schlib and Pcblib	Download	☆

Application Notes

Title	Date		Document Category
AN_2772 - Linux Basics and Solutions for Microprocessors	14 Aug 2018	Link	Application Notes

Software

Title		Date	
Getting Started Graphics Application with SAM9X60 Curiosity Development Board	Download	20 Feb 2023	
Snake Game Application on SAM9X60 Curiosity Development Board	Download	22 Jun 2023	
MPLAB Harmony v3 Graphics Application Examples		22 Feb 2023	Link
Developer Help (Training Modules)		22 Feb 2023	Link
Other MPLAB Harmony v3 Application Examples (USB, Ethernet etc.)		21 Jun 2023	Link
Getting Started Linux OS Development		18 Jul 2023	Link

Silicon Products

Product	Title
SAM9X60	SAM9X60
SAM9X60D1G	SAM9X60D1G
SAM9X60D5M	SAM9X60D5M
SAM9X60D6K	SAM9X60D6K
SAM9X60D1G-I/LZB	ARM9 SAM9X60-SOM System On Module