Overview

Related Tools

Documentation

Software 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? 6 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).

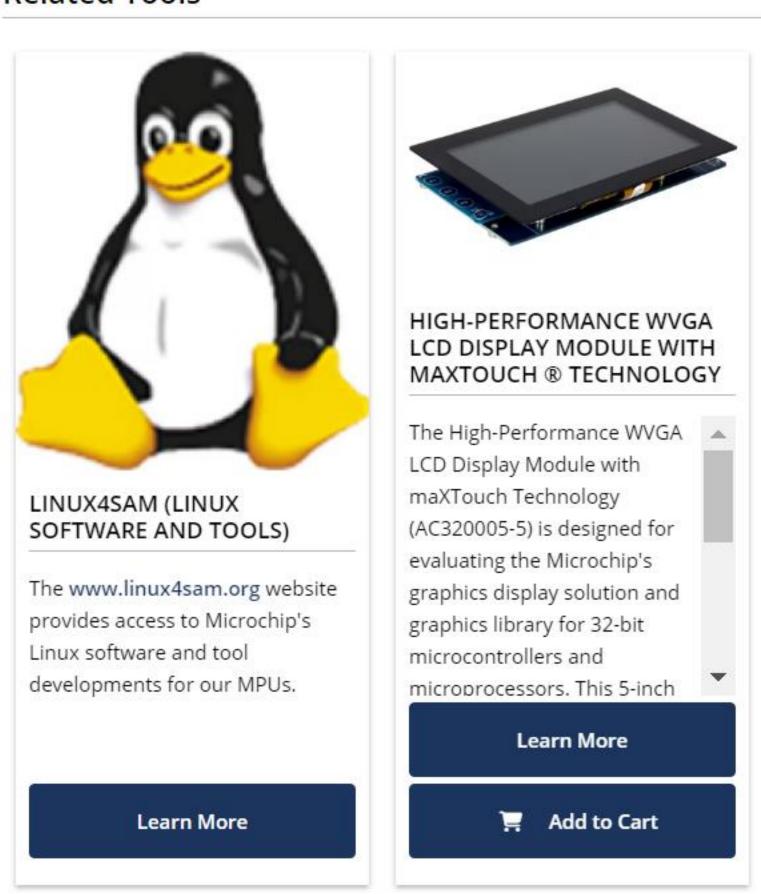
The SAM9X60 Curiosity Development Board is built on a common set of proven Microchip components to reduce time to market by simplifying hardware design and software development. It also simplifies design rules of the main application board, reducing overall PCB complexity and cost. The SAM9X60 Curiosity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



All Application Notes

Documentation

Title \$		
SAM9X60-Curiosity User's Guide	<u></u> Download	☆
SAM9X60 System-On-Module (SOM) Data Sheet	≥ Download	☆
SAM9X60 SIP Data Sheet	→ Download	☆
SAM9X60 Data Sheet	→ Download	\triangle
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

Oitware			
Title \$		Date	
Getting Started Graphics Application with SAM9X60 Curiosity Development Board	丛 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

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

Support at Every Step

We are committed to partnering with you and making sure you have what you need to succeed.

Learn About Support

About Company Careers Contact Us Media Center Investor Relations

Support Microchip Forums AVR Freaks Design Help **Technical Support Export Control Data**

Quick Links Microchip Direct Microchip University myMicrochip Blogs Reference Designs Parametric Search



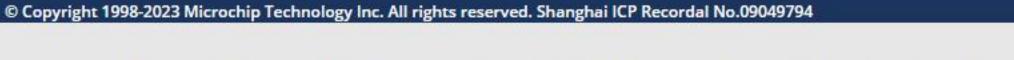
Microchip Technology Inc. 2355 West Chandler Blvd. Chandler, Arizona, USA







Legal Privacy Notice



PCNs

Downloaded from Arrow.com.

Corporate Responsibility