Documentation
Technical Reference
Quick Start Guide

DM816x/C6A816x/AM389x Standalone EVM Baseboard

Application
-Machine Vision Apps
-Test and Measurement
-Tracking and Control Applications

Warranty
1 year

A complete DM816x/C6A816x/AM389x Evaluation Module Kit is also sold by Texas Instruments. Details may be found the following link:

DM8168 EVM

Part #: 702391

DM816x/C6A816x/AM389x Standalone EVM Baseboard

Hardware Features	Software Features	What's Included
• Texas Instruments DM8168/C6A816x/AM389x with C674x floating point DSP and ARM Cortex A8 processor operating up to 1GHz each.	• Compatible with Code Composer Studio Platinum™ v4.2 and later from Texas Instruments.	• DM816x/C6A816x/ AM389x Standalone EVM Baseboard. *(Expansion I/O Daughter Card not included)*
• 1 GByte DDR3 RAM.	• Compatible with Windows XP, Vista, Win7, and Linux Operating Systems	• +12V Power Supply and Line Cord and Universal A/C adapter
• 32 Megabit SPI Flash	• Compatible with Spectrum Digital JTAG Emulators.	• USB Mouse
• 2 GByte NAND Flash		• 8 GByte SD Card with software, Hardware user guide, and Software user guide.
• Composite Video out	**Software Included**	
• Component Video out	• Code Sourcery G++	• SD Card Reader (USB 2.0)
• Dual Host USB Interfaces	• Board test / Sample Code	• USB Male to USB Female cable
• Video/GPMC/MCASP/Serial Expansion Interfaces	• Open source Linux Board Support Package (BSP)	• RS-232 Cable
• On-Chip HDMI Interface		

10/100/1000 Ethernet
Interface
- SD Media Card interface
- TLV320AIC3106 Stero
  Codec (Line In/Out, Mic in,
  Headphone out)
- 2 SATA drive interfaces
- PCIe connector with 2 lanes
- RS-232 Interface
- Infrared receiver
- On-Chip real time clock
- Configurable Boot Load
  options
- 4 user LEDs / 4 position user
  DIP Switch
- Single Voltage Power Supply
  (+12V)
- 20 Pin CTI JTAG Interface
- On board power monitoring
- RoHS Compliant

- HDMI Cable
- Ethernet Cable
- Quick Start Guide

Do You Need ?

- XDS560v2 STM Emulator,
  702592
- Spectrum Digital XDS560v2
  Traveler STM JTAG
  Emulator, Part# 702598
- Code Composer Studio™
  Platinum v5