



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

- Texas Instruments DM8168/C6A816x/AM389x with C674x floating point DSP and ARM Cortex A8 processor operating up to 1GHz each.
- 1 GByte DDR3 RAM.
- 32 Megabit SPI Flash
- 2 GByte NAND Flash
- Composite Video out
- Component Video out
- Dual Host USB Interfaces
- Video/GPMC/MCASP/Serial Expansion Interfaces
- On-Chip HDMI Interface

Software Features

- Compatible with Code Composer Studio Platinum™ v4.2 and later from Texas Instruments.
- Compatible with Windows XP, Vista, Win7, and Linux Operating Systems
- Compatible with Spectrum Digital JTAG Emulators.

Software Included

- Code Sourcery G++
- Board test / Sample Code
- Open source Linux Board Support Package (BSP)

What's Included

- DM816x/C6A816x/ AM389x Standalone EVM Baseboard. (*Expansion I/O Daughter Card not included*)
- +12V Power Supply and Line Cord and Universal A/C adapter
- USB Mouse
- 8 GByte SD Card with software, Hardware user guide, and Software user guide.
- SD Card Reader (USB 2.0)
- USB Male to USB Female cable
- RS-232 Cable

10/100/1000 Ethernet Interface

- SD Media Card interface
- TLV320AIC3106 Stereo 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](#)