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DSP56311EVM : DSP56311 Evaluation Module

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The DSP56311 Evaluation Module (EVM) is used to demonstrate the abilities of the DSP56311 device and provide a hardware tool to allow development of applications that use the DSP56311. The DSP56311EVM includes a DSP56311 device, peripheral expansion connectors, external memory, and a voice codec. The peripheral expansion connectors allow for signal monitoring and user-feature expandability.

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DSP56311EVM Features
The DSP56311EVM is designed for the following purposes: 1. To allow new user to familiarize themselves with the features of the DSP56300 family architecture by exercising the product feature set. 2. To serve as a platform for real-time software development, including simulation routines, software download to on-chip or on-board RAM, software running and debug with full speed operation and breakpoint capability, and the ability to modify all user-accessible registers, memory, and peripherals though the JTAG/OnCE port. 3. To serve as a platform for hardware development by providing connections for external hardware, allowing reprogramming of any or all peripheral signals, and access to all memory on the chip and on the board.

▲ Return to Top

DSP56311EVM Documentation

Documentation
Reference Manuals

ID and Description	Vendor ID	Format	Size K	Rev #	Date Last Modified
DSP56300FM DSP56300 Family Manual	FREESCALE	pdf	12025	5	4/15/2005
DSP56311EVMUM DSP56311 Evaluation Module Hardware Reference Manual	FREESCALE	pdf	1171	1.8	9/24/2001
DSP56311UM DSP56311 24-Bit Digital Signal Processor Users Manual	FREESCALE	pdf	4132	2	12/22/2005

Selector Guides

ID and Description	Vendor ID	Format	Size K	Rev #	Date Last Modified
SG1004 Digital Signal Processors and Controllers Selector Guide SG1004	FREESCALE	pdf	1577	0	4/26/2006

Supporting Information

ID and Description	Vendor ID	Format	Size K	Rev #	Date Last Modified
DSP56311EVMPKL Packing List for DSP56311EVM	FREESCALE	xls	38	-	-

▲ Return to Top

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