

CM-BF537U Core Module

Blackfin

The CM-BF537U Core Module is an outstanding high performance and low power processor Core Module incorporating Analog Devices Blackfin family of processors. Special feature of this module is the on-board high-speed USB 2.0 device allowing a fast connection to a USB host. The module allows easy integration into high demanding very space and power limited applications.

Features

CPU		Analog Devices BF537 @ 600MHz
RAM		32MB SDRAM up to 133MHz
FLASH		4MB
INTERFACES	CAN	1
	PPI	1
	SPI	1
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	TWI/I ² C	1
	UART	2
	USB 2.0	1 (Device)
ADDITIONAL FEATURES		Single 3.3V supply voltage On-board core voltage regulator Low voltage reset circuit
TEMP. RANGE		0°C to +70°C
VERSIONS		Connector
DIMENSIONS		31x36mm



Development Support

- EVAL-BF5xx Evaluation Board
- DEV-BF5xx Development Board
- DEV-BF5xxDA-Lite Development Board
- BLACKSheep® OS Software
- uClinux Port available

Target Applications

- PC attached DSP Application
- Multimedia and Handheld Applications
- Prototyping, Small and Medium Volume

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