

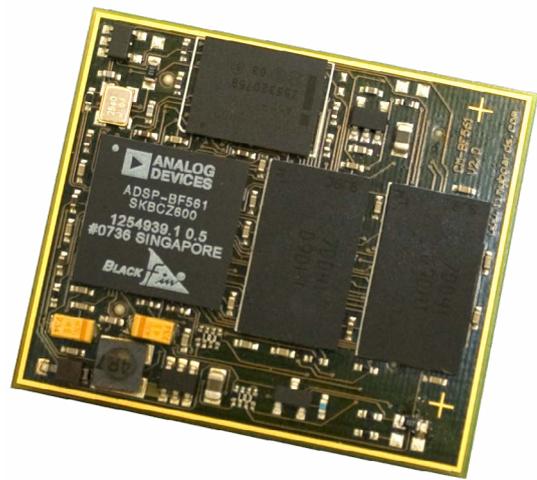
CM-BF561

Blackfin® Core Module

The Core Module CM-BF561 is optimized for performance and parallel data processing. The module integrates processor, RAM, flash and power supply at a size of 31x36mm! It is based on the high performance ADSP-BF561 from Analog Devices. The CM-BF561 is designed for commercial applications (commercial temperature range). It addresses 64MByte SDRAM via its 32bit wide SDRAM bus and has an onboard NOR-flash of 8MByte.

Features

CPU	Analog Devices BF561 @ 600MHz	
RAM	64MByte SDRAM up to 133MHz	
FLASH	8MByte	
INTERFACES	PPI	2
	SPI	1
	SPORT	2
	TWI/I²C	emulation by GPIO
	UART	1
ADDITIONAL FEATURES	Single 3.3V supply voltage On-board core voltage regulator Low voltage reset circuit Dual Core Processor	
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
- » uClinux Port available

Ordering Information

Order No.	Info
100-1211-2	CM-BF561-C-C-Q25S64F8 (CM-BF561)
100-1211-2-TR	CM-BF561-C-C-Q25S64F8 (CM-BF561) Tape Reel 50pcs

Applications

- » Parallel signal processing
- » Digital Still Cameras
- » Digital Video Cameras
- » Portable Media Players
- » Digital Video Recorders
- » Industrial and Instrumentation
- » Set Top Boxes
- » Consumer Multimedia
- » Automotive Vision Systems
- » Broadband Wireless Systems

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