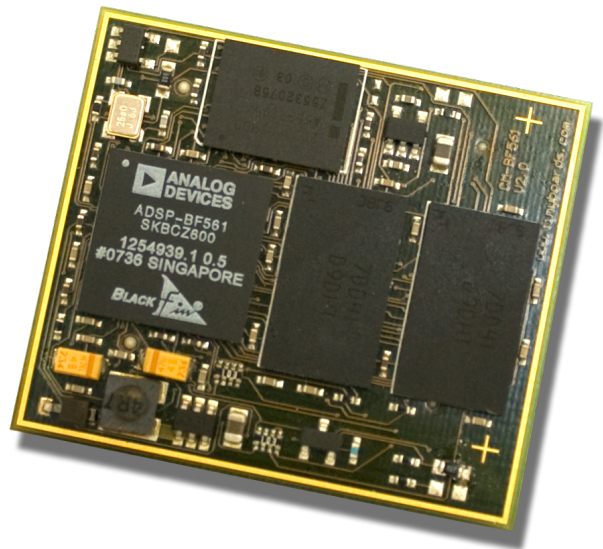# CM-BF561 Core Module
Blackfin

The CM-BF561 Core Module provides an exceptional high performance at low power consumption with its symmetric dual core processor ADSP-BF561 from Analog Devices. A 32Bit wide SD-RAM bus as well as 2 PPI interfaces will avoid any data bottlenecks. The module allows easy integration into highly demanding very space and power limited applications

Features

CPU		Analog Devices BF561 @ 600MHz
RAM		64MB SDRAM up to 133MHz
FLASH		8MB
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
- BLACKSheep® OS Software
- uClinux Port available

Target Applications

- Signal Processing requiring symmetric processing
- Multimedia and Handheld Applications
- Prototyping, Small and Medium Volume applications

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