

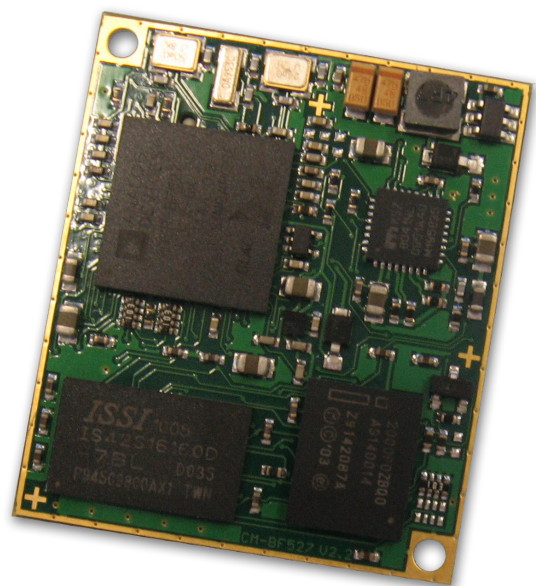
CM-BF527 Core Module

Blackfin

The CM-BF527 Core Module provides a rich set of peripherals at low power consumption (90nm Chip technology) and low cost. The CM-BF527 supports an on-board Ethernet 10/100Mbit function including physical transceiver and USB-OTG 2.0 function including physical transceiver as well, besides other standard microcontroller interfaces. The module allows easy intergration into high performance, very space and power limited applications.

Features

CPU	Analog Devices BF527 @ 600MHz	
RAM	32MB SDRAM up to 133MHz	
FLASH	8MB	
INTERFACES	ETHERNET	1x10/100 MBit Ethernet
	PPI	1
	SPI	1
	SPOINT	2
	TWI/I ² C	1
	UART	2
	USB 2.0	1 (OTG)
ADDITIONAL FEATURES	Single 3.3V supply voltage On-board core voltage regulator Low voltage reset circuit NAND Flash Interface	
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

- Generic Signal Processor Module
- Audio and Video Applications
- Network connected applications
- Mobile handset devices
- Prototyping, Small and Medium Volume Applications

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