

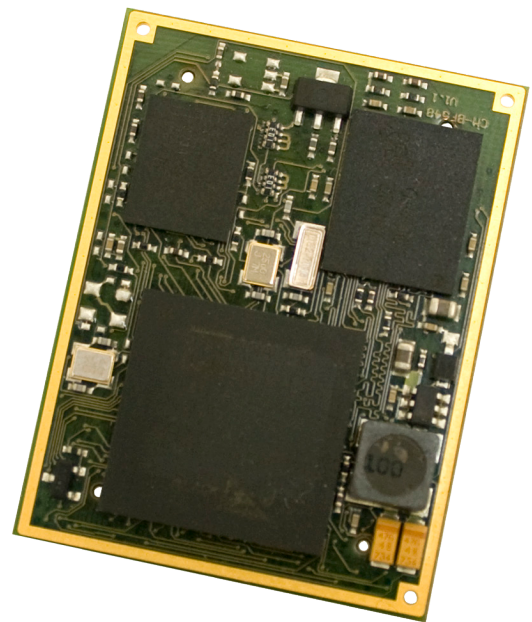
CM-BF548 Core Module

Blackfin

The CM-BF548 Core Module is the most powerful Blackfin based single core processor module providing exceptional high performance (DDR RAM) and a large number of interfaces. The module allows easy integration into high performance very space and power limited applications. Two 100 pin connectors bring all interfaces of the ADSP-BF548 on a baseboard.

Features

CPU	Analog Devices BF548 @ 533MHz	
RAM	32MB SDRAM up to 133MHz	
FLASH	8MB	
INTERFACES	CAN	2
	PPI	3 (EPPI)
	SD/SDIO	1
	SPI	3
	SPORT	3
	TWI/I ² C	2
	UART	4
	USB 2.0	1 (OTG)
ADDITIONAL FEATURES	Single 3.3V supply voltage On-board core voltage regulator Low voltage reset circuit NAND Flash Interface Keypad Interface	
TEMP. RANGE	-40°C to +85°C	
VERSIONS	Connector	
DIMENSIONS	31x41mm	



Development Support

- DEV-BF548-Lite
- DEV-BF548DA-Lite
- BLACKSheep® OS Software
- uClinux Port available

Target Applications

- Generic Signal Processor Module
- Industrial or automotive control
- Mobile handset devices
- Prototyping, Small and Medium Volume Applications

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