

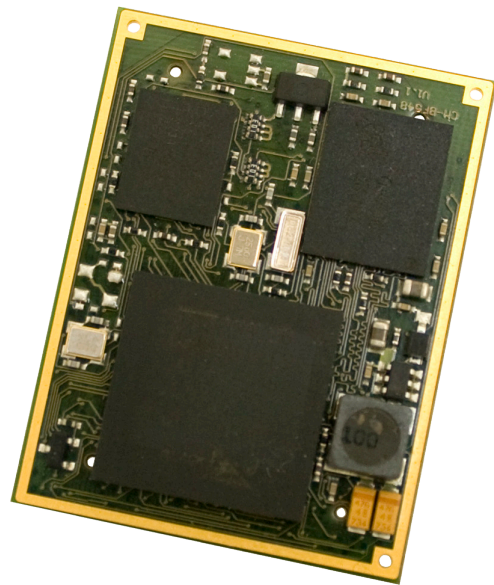
# CM-BF548 Core Module

## 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

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