

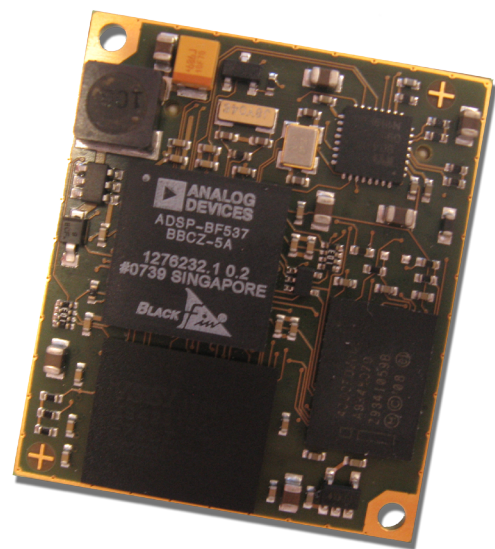
# CM-BF537E Core Module

## Blackfin

The CM-BF537E is the most complete member of the Blackfin processor family from Analog Devices and supports an on-board Ethernet function including a 10/100MBit physical transceiver as well as a CAN interface. The module allows easy integration into demanding and very space and power limited applications.

### Features

<b>CPU</b>	Analog Devices BF537 @ 600MHz	
<b>RAM</b>	32MB SDRAM up to 133MHz	
<b>FLASH</b>	4MB up to 8MB	
<b>INTERFACES</b>	<b>CAN</b>	1
	<b>ETHERNET</b>	1x10/100 MBit Ethernet
	<b>PPI</b>	1
	<b>SPI</b>	1
	<b>SPORT</b>	2
	<b>TWI/I<sup>2</sup>C</b>	1
	<b>UART</b>	2
<b>ADDITIONAL FEATURES</b>	Single 3.3V supply voltage On-board core voltage regulator Low voltage reset circuit	
<b>TEMP. RANGE</b>	0°C to +70°C	
<b>VERSIONS</b>	Connector	
<b>DIMENSIONS</b>	31x36mm	



### Development Support

- EVAL-BF5xx Evaluation Board
- DEV-BF5xx Development Board
- DEV-BF5xxDA-Lite Development Board
- BLACKSheep® OS Software
- uClinux Port available

### Target Applications

- Network attached Video camera
- Multimedia Applications
- Industrial control applications
- Prototyping, Small and Medium Volume

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