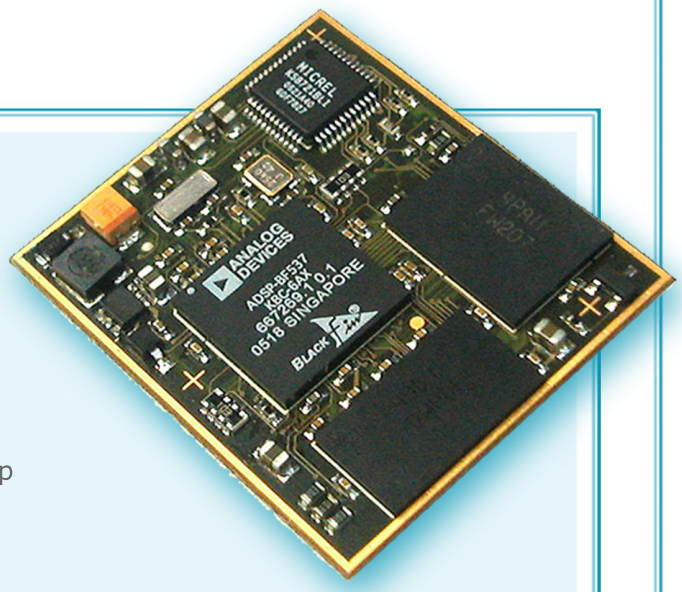
www.tinyboards.com

Maximum performance at minimum size

CM-BF537E Core Module

The CM-BF537E is the latest family 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 high demanding very space and power limited applications.



Features

- Dimension: only 31x36mm
- Blackfin BF537 @ 600MHz
- 32MB SD-RAM up to 133MHz
- 4MB Flash
- 25MHz Crystal
- 2x UART's, 1x I2C, 1x SPI, 1x CAN
- 1x SSP (Synchronous Serial Port)
- 1x PPI (Parallel Port Interface)
- 10/100 Mbit Ethernet incl. Physical Chip
- Single 3.3V supply voltage
- 2x 60 Pin connector 0.6mm
- BLACKSheep boot loader

Development Support

- EVAL-BF5xx Evaluation Board
- DEV-BF5xxDA-Lite Development Board
- DEV-BF5xx-FPGA Development Board
- BLACKSheep VDK Framework
- uClinux port available

Typical Applications

- Network Attached Video Camera
- Multimedia and Handheld Applications
- Prototyping, Small and Medium Volume Applications

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