

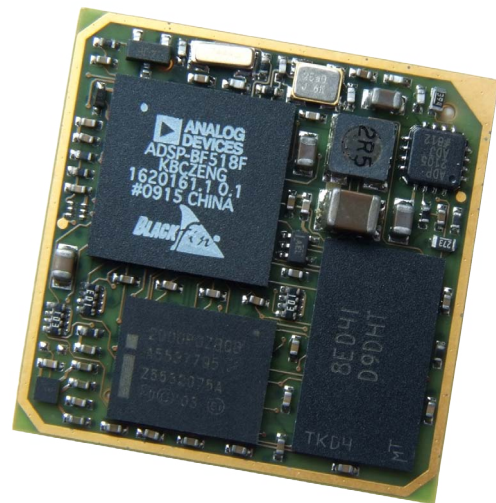
TCM-BF518

Blackfin® Core Module

The Tiny-Core-Module TCM-BF518 is optimized for performance and size. The module integrates processor, RAM, flash and power supply at a size of 28x28mm! It is based at the high performance ADSP-BF518 from Analog Devices. The Core-Module is designed for commercial usage (commercial temperature range). It addresses 32MByte SDRAM via its 16bit wide SDRAM bus and has an onboard NOR-flash of 8MByte.

Features

CPU	Analog Devices BF518 @ 400MHz	
RAM	32MB SDRAM up to 133MHz	
FLASH	8MB	
INTERFACES	ETHERNET	1x10/100 MBit Ethernet MII/RMII
	PPI	1
	SPI	2
	SPORT	2
	TWI/I²C	1
	UART	2
ADDITIONAL FEATURES	Single 3.3V supply voltage On-board core voltage regulator Low voltage reset circuit	
TEMP. RANGE	0 to +70 °C	
VERSIONS	Connector	
DIMENSIONS	28x28mm	



Development Support

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

Applications

- » Robotics
- » Industrial distributed control
- » Motor control
- » Instrumentation
- » Networked audio
- » Consumer appliances

Ordering Information

Order No.	Info
100-1261-1	TCM-BF537-C-I-Q25S32F8 (TCM-BF537)
100-1261-1-TR	TCM-BF537-B-I-Q25S32F8 (TCM-BF537BP)

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