

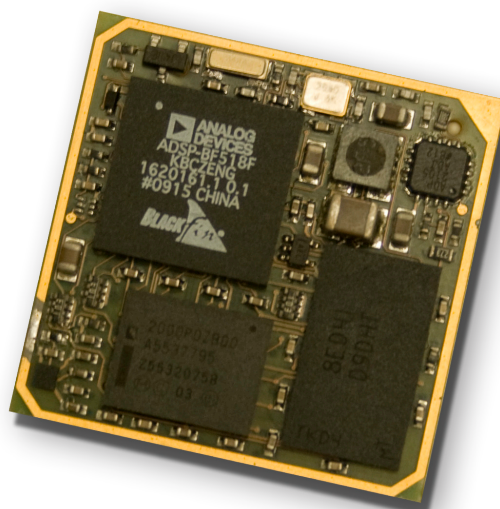
TCM-BF518 Core Module

Blackfin

The TCM-BF518 Core Module is optimized for wireless, industrial applications and for the Voice-Over-IP telephony. Due to the low power consumption and the small size of the module (28x28mm) is the TCM-BF518 a perfect choice for PDA applications as well. The core of the Core Module is the digital signal processor ADSP-BF518 from Analog Devices which is clocked by 400MHz. As memory the TCM-BF518 possesses a SDRAM with 32MB capacity and a flash with up to 8MB. In addition the TCM-BF518 offers a lot of interfaces like 10/100 Ethernet MII/RMII, I2C, PPI, SPI, SPORT and UART.

Features

CPU		Analog Devices BF518 @ 400MHz
RAM		32MB SDRAM up to 133MHz
FLASH		4MB up to 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
VERSIONS		Connector
DIMENSIONS		28x28mm



Development Support

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

Target Applications

- Industrial Applications
- Voice-Over-IP telephony
- PDA Applications

BLUETECHNIX MECHATRONISCHE SYSTEME GMBH

Waidhausenstraße 3/19
1140 Wien, Austria
www.bluetechnix.com

Tel.: +43 (1) 9142091 x 0
Fax.: +43 (1) 9142091 x 99
Email: office@bluetechnix.at

