

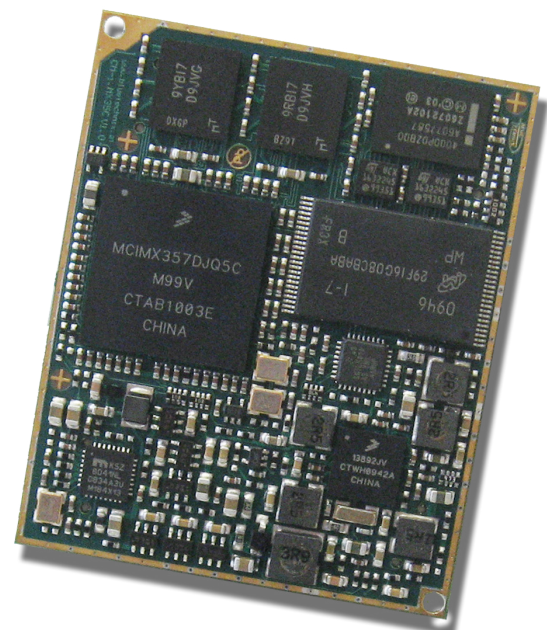
CM-i.MX35 Core Module

i.MX

The Bluetechnix Core Module CM-i.MX35 is based on Freescale's i.MX35 processor family. Specifically designed for industrial applications it provides a magnitude of interfaces for use in the industrial application field. Additionally, basic multimedia interfaces allow for simple integration of graphical user interfaces or video features. The CM-i.MX35 is the successor to Bluetechnix' successful CM-i.MX31.

Features

CPU		Freescall i.MX35 (ARM1136JF-S core)
CLOCK		up to 532MHz
RAM		128 MByte DDR SDRAM (up to 256 MByte)
FLASH		2GByte NAND flash (up to 4 GByte)
INTERFACES	CAMERA	1
	LCD	1
	ETHERNET	1x10/100 MBit Ethernet PHY
	I²S	2
	SDCARD	1
	SPI	2
	TWI/I²C	2
	UART	3
	USB 2.0	1 (OTG PHY), 1 (Host)
	Video	Image Processing Unit (IPU)
	Audio	Headphones, Microphone, LineOut
SOFTWARE		Linux Kernel 2.6.26 WindowsCE 6.0
VERSIONS		Connector
TEMP. RANGE		0°C to +70°C
DIMENSIONS		55x45mm



Development Support Components

DEV-i.MX27/35 Development Board

Target Applications

Factory Automation
Home Displays
Human Machine Interfaces
Building Control Applications

BLUETECHNIX MECHATRONISCHE SYSTEME GMBH

LainzerstraÙe 162/3
1130 Wien, Austria
www.bluetechnix.com

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

