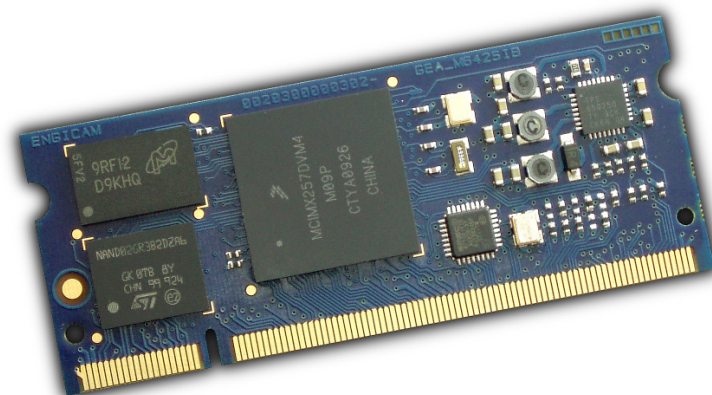


GEA M6425IB

CORTEX A8 CPU MODULE

- High integration
- Great flexibility of use
- PCB cost reduction
- Lower time to market
- Few external components required



Features

Core

Freescale™ iMx25
ARM 926 @ 400MHz

User interface

LCD controller up to 800x600
Touch screen
Camera Interface

Communication

1x USB OTG + PHY
1x USB HOST + PHY
1x MAC Ethernet 10/100 + PHY on board
Up to 5 Uart's
1x I2C Bus
2x CAN Bus
2x CSPI
1x I2S
16 bit multiplexed external bus interface

Peripherals

4xADC
Up to 13 GPIO
2xPWM
3.3V to 6V single power supply

Memories

64MB DDR2 @ 133MHz
256MB NAND Flash
1x SD Card interface

Dimensions

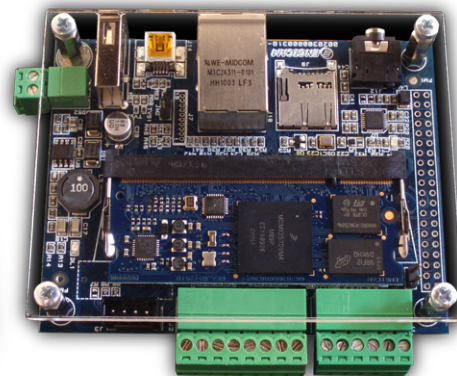
Standard SODIMM footprint
Circuit 67,4x26,9 mm
Very Low Profile Module (2,32 mm)

Software

Linux 2.6.31
Windows CE 6.0

Starter kit 3.5"

- GEA M6425IB Socket
- 3,5" LCD (QVGA) with Touch screen
- CAN Bus
- 1 xRS485
- 3 xRS232 (Linux Console +2)
- USB OTG FS
- USB HOST FS
- MicroSD Socket
- Ethernet 10/100 Mbps
- Audio out connector
- Power Supply : 7-28 Vdc
- 1x expansion connector
- JTAG interface connector



Starter kit 7"

- GEA M6425IB Socket
- 7" LCD (800x480) with Touch screen
- CAN Bus
- 1 xRS485
- 3 xRS232 (Linux Console +2)
- USB OTG FS
- USB HOST FS
- MicroSD Socket
- Ethernet 10/100 Mbps
- Audio out connector
- Power Supply : 7-28 Vdc
- 1x expansion connector
- JTAG interface connector

