

HiCO.DIMM7723

Embedded module

with Renesas SuperH SH7723 Processor



CPU	SH7723, SH-4A
Coprocessor	FPU
Clock	400 MHz
Cache	32-kbyte IC + 32-kbyte OC 4-way associative, 256-kbyte L2 Cache
Memory	128 MB DDR RAM / 256 MB NAND Flash / 8 MB NOR Flash
Memory Bus Interface	
Addresses	24
Data bus width	16
Interrupts	3
Bus clock	66 MHz
Peripherals	
LCD Interface	TFT up to SVGA, up to 24bpp
Touch	4-wire resistive touch
Ethernet	100Base Tx
USB Host	2.0 high speed
USB Device	2.0 full speed
Serial Ports	1*RS232, 4*TTL
IrDA	Interface for external transceiver
analog Audio	SSI for external codec
digital Audio	SPDIF IN/OUT
Video IN / Video OUT	8 bit interface for external NTSC / PAL codecs
CCD Camera Interface	√
SPI	√
I2C	√
Digital GPIO	10
Analog I/O	4 x in; 10 bit, 3.3V
RTC	√
Debugging Interface	H-UDI + AUD
Mass storage	
MMC / SDC	2*SDC
Others	
Software	Linux 2.6.27, Microsoft Windows CE 6.0
Dimensions	67,6 x 45 x 9 mm ³
Temperature Range	0 ... +70 °C, optional -40°C ...+85°C
Power Supply	3,3 V @ 400 mA
SODIMM Connector	200 pos, 2.5 V keying



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