

HiCO.DIMM7722

Embedded Module

with Renesas SuperH SH7722 Processor



CPU	SH7722, SH4AL-DSP
Coprocessor	DSP
Clock	320 MHz
Cache	32-kByte IC 4-way associative 32-kByte OC 4-way associative
Memory	64 MB SDRAM / 32 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 full speed
USB Device	2.0 high speed
Serial Ports	1*RS232, 2*TTL
IrDA	available on request
analog Audio	SSI for external codec
digital Audio	available on request
Video IN / Video OUT	Interface for external NTSC/PAL codecs
CCD Camera Interface	√
SPI	2
I2C	√
Digital GPIO	10
Analog I/O	1*in, 12 bit, 3.3 V
RTC	√
Debugging Interface	H-UDI + AUD
Mass storage	
MMC / SDC	1*SDC
Others	
Software	Linux 2.6.25
Dimensions	67,6 x 45 x 7 mm ³
Temperature Range	0 - +70 °C
Power Supply	3,3 V @ 300 mA
SODIMM Connector	200 pos, 2,5 V keying



Main Office Germany

Greschbachstraße 12
D-76229 Karlsruhe
Tel. +49 (0) 721 62725-0
Fax +49 (0) 721 62725-19
E-Mail sales@emtrion.com

Visit us on the Internet:

www.emtrion.com