



HiCO.SH7760

Embedded Module

with Renesas SuperH SH7760 Processor

	SBC Version	CORE Version
		
CPU	SH7760, SH4	SH7760, SH4
Coprocessor	FPU	FPU
Clock	198 MHz	198 MHz
Memory	64 MByte SDRAM	64 MByte SDRAM
HiCO.nect bus Interface		
Addresses	24	24
Data bus width	16	16
Interrupts	8	8
DMA	1	1
Busclock	66 MHz	66 MHz
Port I/O	2 (+8)	2 (+8)
ISA Bus Interface	√	√
I2C	2	2
RTC	√	√
HiCO.nect peripherals		
Graphic	VGA TFT, CRT	VGA TFT, CRT
Touch	4-Wire resistive	4-Wire resistive
Ethernet	100Base Tx	100Base Tx
USB Host	1.1 Full Speed	1.1 Full Speed
USB Device	2.0 Full Speed	2.0 Full Speed
CAN	2 x V2.0B	2 x V2.0B
serial Ports	3	3
Audio	SSI Interface	SSI Interface
SPI	√	√
Analog I/O	1 x in, 10 bit, 3.3 V 1 x out, 8 bit, 3.3 V	1 x in, 10 bit, 3.3 V 1 x out, 8 bit, 3.3 V
Masstorage		
MMC	√	√
CF Card Interface	√	√
Software	Windows CE 6.0 R2, QNX 6.3 Linux 2.6	Windows CE 6.0 R2, QNX 6.3 Linux 2.6
Dimensions	110 x 82 x 20 mm ³	66 x 82 x 16 mm ³
Temperature Range	0°C... +70°C, opt. -40°C... +85°C	0°C... +70 °C, opt. -40°C... +85°C
Power Supply	5 V @ 450 mA	3,3 V @ 680 mA
Additional Connectors	RS232, USB Host and Device, Ethernet, Display, CAN, 5 V Power Supply	



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