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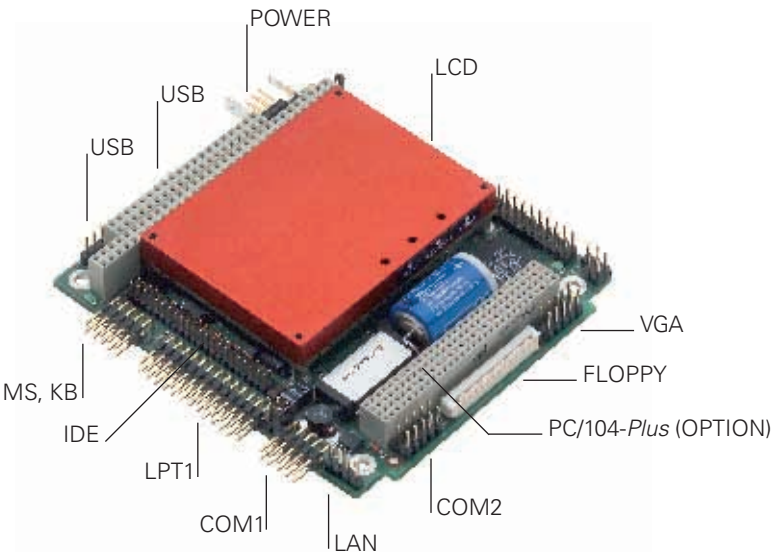
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Find the *Microspace / Digital-Logic MSMT3SEG* at our website: ***Click HERE***

MSMT3SEN/SEG/XEN/XEG
Datasheet

MICROSPACE PC/104-*Plus*



Beschreibung

Der MICROSPACE PC/104 MSMT3SEx/XEx verfügt über alle üblichen Schnittstellen eines Standard-PCs. Durch den Einsatz eines smartCoreT3 CPU-Moduls beträgt die Performance 650MHz. Der Videocontroller ATI-M1 mit 8MB integriertem Video-RAM macht den Rechner DVD-abspieltauglich. Der MSMT3 ist erhältlich mit gelöteten RAM (XEN/XEG) sowie mit SODIMM-Halter (SEN/SEG).

Description

The MICROSPACE PC/104 MSMT3SEx/XEx has all the usual interfaces provided by a standard PC. The smartCoreT3 CPU module allows a performance of 650MHz. The ATI-M1 Video Controller with 8MB integrated Video RAM makes the computer capable of playing DVD's. The MSMT3 is available either with soldered RAM (XEN/XEG) or with SODIMM-Socket (SEN/SEG).

Ordering Information

Article	Part No.	Description
MSMT3SEN	801872	PC/104-*Plus* without smartCoreT3, 0MB SODIMM, no Video, LAN, COM 1/2, no PC/104-*Plus* connector assembled
MSMT3SEG	801870	PC/104-*Plus* without smartCoreT3, 0MB SODIMM, Video, LAN, COM 1/2/3/4, no PC/104-*Plus* connector assembled
MSMT3XEN-64	801972	PC/104-*Plus* without smartCoreT3, 64MB soldered SDRAM, COM 1/2, no Video, LAN, no PC/104-*Plus* connector assembled
MSMT3XEG-64	801895	PC/104-*Plus* without smartCoreT3, 64MB soldered SDRAM, COM 1/2, Video, LAN, no PC/104-*Plus* connector assembled
smartCoreT3-650	805145	650MHz, Intel® Celeron® Tualatin
SMxxPC-DK	805025	Development-Kit without PC/104-CPU

Article	Part No.	Description
MSM-CK	802605	PC/104-Cable-Kit
MSFLOPPY	891001	3.5" Micro-Floppydrive (26 pin)
MSFDCK	802600	Microfloppy cable (26 pin)
MSLAN-CK	802604	Ethernet Cable

Option	Part No.	Description
SDRAM32M	890645	SODIMM SDRAM-Module 32MB
SDRAM64M	890644	SODIMM SDRAM-Module 64MB
SDRAM128M	890646	SODIMM SDRAM-Module 128MB
SDRAM256M	890647	SODIMM SDRAM-Module 256MB
Option -L+	807006	PC/104-*Plus*, connector long
Option -P+	807005	PC/104-*Plus*, connector short
Option -CF	807008	CompactFlashSocket (without Option -L)

MICROSPACE PC/104-*Plus* Pentium®

Overview





Type	MSMT3SEN	MSMT3SEG	MSMT3XEN	MSMT3XEG
CPU	smartCoreT3	smartCoreT3	smartCoreT3	smartCoreT3
Bus-System	PCI	PCI	PCI	PCI
Expansion Interface	PCI/ISA	PCI/ISA	PCI/ISA	PCI/ISA
2nd Level Cache	256kB	256kB	256kB	256kB
Performance (MHz)	650	650	650	650
DRAM Min-Max (MB)	SODIMM 32-256MB SDRAM	SODIMM 32-256MB SDRAM	soldered 32/64MB SDRAM	soldered 32/64MB SDRAM
DiskOnChip Socket	-	-	-	-
CompactFlash Socket	optional	optional	optional	optional
Mouse, Keyboard	✓	✓	✓	✓
BootDrive	FD, HD, CD, USB, LAN	FD, HD, CD, USB, LAN	FD, HD, CD, USB, LAN	FD, HD, CD, USB, LAN
Floppy Interface	✓	✓	✓	✓
IDE Interface P-ATA	✓, 1x	✓, 1x	✓, 1x	✓, 1x
COM1	RS232C	RS232C	RS232C	RS232C
COM2	RS232C	RS232C	RS232C	RS232C
COM3	-	RS232C / RS485	-	-
COM4	-	RS232C / RS485	-	-
LPT1	✓	✓	✓	✓
IrDA	external	external	external	external
USB V1.1	2	2	2	2
LAN	100/10BASE-T	100/10BASE-T	100/10BASE-T	100/10BASE-T
Audio	-	-	-	-
Video Controller	-	ATI M1	-	ATI M1
Video Datapath	-	PCI	-	PCI
Video Memory	-	8 MB	-	8 MB
LCD Interface	-	24 Bit TFT 3V	-	24 Bit TFT 3V
LCD Resolution	-	1280 x 1024 x 256	-	1280 x 1024 x 256
Video Input	-	-	-	-
EEPROM Support	-	✓	✓	✓
Watchdog	✓	✓	✓	✓
Power Normal	5V/9W (32MB) (typ.@650MHz)	5V/10W (32MB) (typ.@650MHz)	5V/9W (32MB) (typ.@650MHz)	5V/10W (32MB) (typ.@650MHz)
Power Suspend	5V/2W(32MB) (typ.)	5V/2W(32MB) (typ.)	5V/2W(32MB) (typ.)	5V/2W(32MB) (typ.)
Cooling Type	active	active	active	active
Operating Temp.	-25°C to +50°C	-25°C to +50°C	-25°C to +50°C	-25°C to +50°C
Extended Temp. with 650MHz	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C
Weight (gr)	170	170	170	170
MTBF	> 200'000h	> 200'000h	> 200'000h	> 200'000h
Ordering Guide	MSMT3SEN	MSMT3SEG	MSMT3XEN	MSMT3XEG
Status	for new designs	for new designs	for new designs	for new designs
	Pb ab 7/2006	Pb ab 7/2006	Pb ab 7/2006	Pb ab 7/2006

Änderungen vorbehalten / Subject to change!

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