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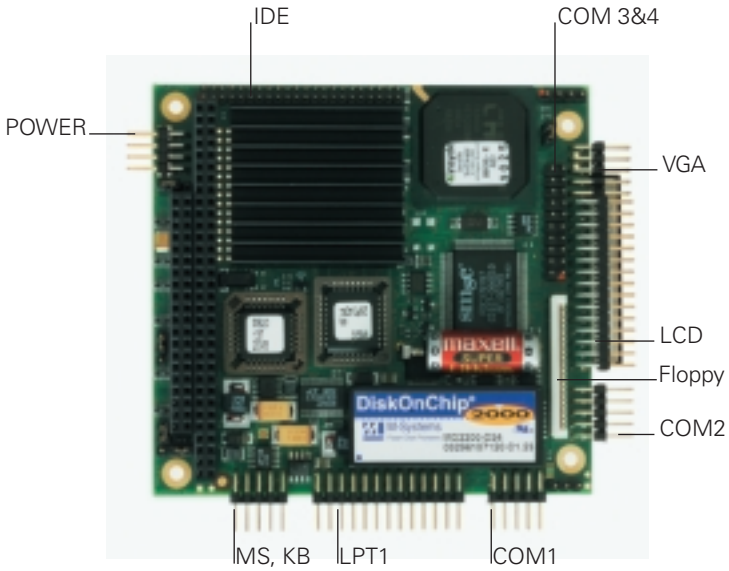
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Find the *Microspace / Digital-Logic MSM586SEN* at our website: *Click HERE*

MSM586SEN/SEV/SL
Datasheet



Ordering Information

Article	Part No.	Description
MSM586SN	801340	0 MB SDRAM, no Video, no CF, no LAN
MSM586SV	801342	0 MB SDRAM, no Video, no CF, no LAN
MSM586SEN	801350	0 MB SDRAM, no Video, LAN
MSM586SEV	801360	0 MB SDRAM, Video (VGA), LAN
MSM586SL-32	801344	Soldered 32 MB SDRAM, no Video, no LAN, no CF
MSM586SL-64	801345	Soldered 64 MB SDRAM, no Video. no LAN, no CF
MSM586SEV-DK	801720	Development-Kit incl. 32MB SDRAM

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

Option	Part No.	Description
SDRAM32M	890655	SODIMM SDRAM-Module 32MB
SDRAM64M	890654	SODIMM SDRAM-Module 64MB
SDRAM128M	890656	SODIMM SDRAM-Module 128MB
Option: -R1	807331	Option COM1 as RS485
Option: -R2	807332	Option COM2 as RS485
Option: -R3	807333	Option COM3 as RS485
Option: -R4	807334	Option COM4 as RS485

MICROSPACE PC/104

Beschreibung

Der MICROSPACE MSM586SL/SEN/SEV verfügt über alle üblichen Schnittstellen eines Standard-PCs sowie über viele Zusatzfunktionen wie 4 x COMs, DOC2000-Sockel, programmierbarer Watchdog, LAN und CompactFlash-Halter. Einige der seriellen Interfaces sind optional als RS422/485 oder TTL lieferbar. Der nur beim MSM586SL fest aufgelötete Hauptspeicher macht das Rechnermodul unempfindlich gegen Vibrationen und Stösse. Ein richtiger «Alleskönner» in Embedded Anwendungen.

Description

The MICROSPACE PC/104 MSM586SL/SEN/SEV has all the usual interfaces provided by a standard PC and many additional features such as 4xCOMs, DOC2000 socket, programmable Watchdog, LAN and Compact-Flash socket. Some of the serial interfaces are optionally available as RS422/485 or TTL. The soldered SDRAM of the MSM586SL makes this computer module insensitive to vibrations and shocks. Its unique functional diversity makes this computer board a real «all-rounder» in embedded applications.

Technical Data

Size	PC/104 Board			
CPU	ELAN 520			
Performance	133 MHz			
2L-Cache	-			
DRAM	16 - 128 MB, SDRAM-SODIMM, SL: Soldered DRAM 32/64 MB			
Bootable Flash	DOC2000			
CompactFlash	1 slot			
PC-Card	-			
Keyboard/Mouse	2 x PS/2			
BootDrive	FD, HD, DOC			
Harddisk	44pin IDE			
Floppy	26pin FD			
		RS232	RS422	RS485
Serial	COM1	✓	-	opt.
	COM2	✓	-	opt.
	COM3	✓	-	opt.
	COM4	✓	opt.	opt.
Parallel	LPT1			
USB	-			
LAN (SEV, SEN)	100/10BASE-T, INTEL 82559ER			
SCSI	-			
Audio	-			
Video (SEV)	69000, 2 MB			
	CRT	Standard		
	LCD	TFT/STN		
	Resolution 24 Bit			
	Level	3V/5 V		
Video Input	-			
EEPROM	1k			
Watchdog	onboard			
RTC Battery	onboard or external			
Power Management	✓, APM			
Supply	5V			
Consumption	900mA (typ.)			

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