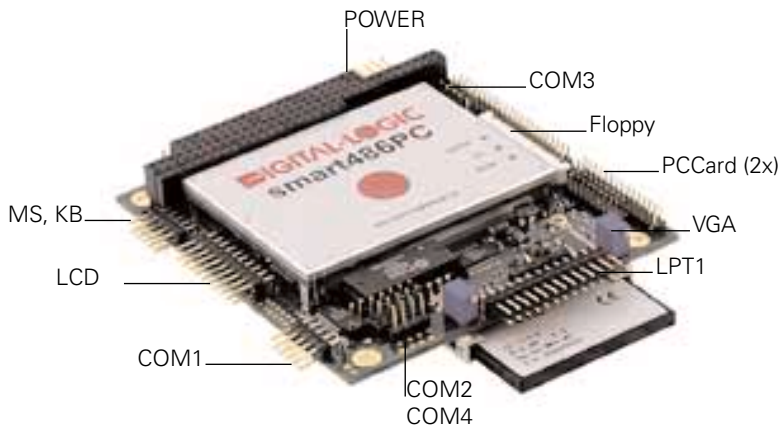


MSM486SE/SEV

Datasheet

MICROSPACE PC/104



Beschreibung

Der MICROSPACE PC/104 MSM486SE/SEV bietet mehr PC-Funktionalität mit der 486SX 66 MHz CPU des AMD ELAN400. Die speziellen Funktionen beinhalten den Sockel für CompactFlash Karte, LAN Schnittstelle, LCD BIAS Generator, 4 serielle Schnittstellen, Matrix Tastatur Decoder und geringe Stromaufnahme. Der MSM496SE/SEV ist ideal für "stand-alone" Anwendungen mit Netzwerkgang.

Description

The MICROSPACE PC/104 MSM486SE/SEV offers more PC functionality with the 486SX 66 MHz CPU based on the AMD ELAN400. The special features include a socket for CompactFlash Cards, LAN interface, LCD BIAS generator, 4 serial interfaces, keyboard matrix decoder and low-power consumption. The MSM486SE/SEV is the perfect choice for any stand-alone application with remote access.

Ordering Information

| Article | Part No. | Description |
|----------------|----------|-----------------------------------|
| MSM486SE2 | 801122 | 2 MB, with 1/4 VGA, CGA |
| MSM486SE8 | 801128 | 8 MB, with 1/4 VGA, CGA |
| MSM486SEV4 | 801134 | 4 MB, with Video, VGA |
| MSM486SEV16 | 801136 | 16 MB, with Video, VGA |
| MSM486SEV16-DK | 801710 | Development-Kit with MSM486/SEV16 |

| Accessories | Part No. | Description |
|-------------|----------|---------------------------------|
| MSM-CK | 802605 | PC/104-Cable-Kit |
| MSM486SVPC | 801088 | PC-Card Adapter (2 slot) |
| MSFLOPPY | 891001 | 3.5" Micro-Floppydrive (26 pin) |
| MSFDCK | 802600 | Microfloppy cable (26 pin) |

Technical Data

| | | | | |
|------------------|-----------------------|-------------------|----------|-------|
| Size | PC/104 Board | | | |
| CPU | smartModule486PC | | | |
| Performance | 66 MHz | | | |
| 2L-Cache | - | | | |
| DRAM | 2 - 16 MB | | | |
| Bootable Flash | 2 MB Flashdisk | | | |
| CompactFlash | 1 slot | | | |
| PC-Card | 2 slots | | | |
| Keyboard | PS/2 | | | |
| Keypmatrix | 8 x 16 | | | |
| Mouse | PS/2 | | | |
| Harddisk | 44pin IDE | | | |
| Floppy | 26pin FD | | | |
| Serial | | RS232 | RS422 | RS485 |
| | COM1 | ✓ | opt. | opt. |
| | COM2 | ✓ | - | - |
| | COM3 | ✓ | - | - |
| | COM4 | ✓ | - | - |
| Parallel | LPT1 | | | |
| USB | - | | | |
| LAN | 10BASE-T, SMC 91C96 | | | |
| SCSI | - | | | |
| Audio | - | | | |
| Video | 65548/65550 with 1 MB | | | |
| | SEV: | CRT | Standard | |
| | SEV: | LCD | TFT/STN | |
| | SEV: | Resolution 24 Bit | | |
| | SE: | CGA (640x200) | | |
| | | 1/4 VGA (320x200) | | |
| | | Level | 3V/5V | |
| Video Input | - | | | |
| EEPROM | 1k | | | |
| Watchdog | onboard | | | |
| RTC Battery | onboard or external | | | |
| Power Management | ✓ | | | |
| Supply | 5V | | | |
| Consumption | 360mA to 740mA (typ.) | | | |