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TECHNOLOGY GROUP

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**Artisan Technology Group**
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## Overview







| Part.-No. | 806008 | 806018 | 806129 | 806003 | 806011 |
|---|---|---|---|---|---|
| **Type** | **MSME104B** | **MSME104R** | **MSMVGA** | **MSMJ104D** | **MSMX104** |
| **Function** | Ethernet LAN | Ethernet LAN | VIDEO/LCD | PCCard | 4 x COM |
| **Controller** | SMC 91C96 | SMC 91C96 | C&T 65545 | VADEM 469 | 4 x 16C550 |
| **Connector** | 10BASE-2 / -T | 10BASE-2 / -T | CRT, LCD | 2 x type II, 1 x type III | 4 x RS232 / 422 / 485 |
| **Bus** | ISA | ISA | ISA | ISA | ISA |
| **Onboard Flash** | 32kB BIOS | 32kB BIOS | 32kB BIOS | 32kB BIOS | - |
| **Remarks** | - | - | - | - | - |
| **Power Normal** | 5V/450mA (typ.) | 5V/450mA (typ.) | 5V/260mA (typ.) | 5V/180m (typ.) | 5V/250mA (typ.) |
| **Power Suspend** | 5V/450mA (typ.) | 5V/450mA (typ.) | 5V/200mA (typ.) | 5V/180m (typ.) | 5V/250mA (typ.) |
| **Operating Temp.** | -25°C to +70°C | -25°C to +70°C | -25°C to +70°C | -25°C to +70°C | -25°C to +70°C |
| **Extended Temp.** | - | - | -40°C to +85°C | -40°C to +85°C | -40°C to +85°C |
| **Weight (gr)** | 80 | 80 | 80 | 150 | 140 |
| **MTBF** | > 100'000h | > 100'000h | > 100'000h | > 100'000h | > 100'000h |
| **Ordering Guide** | MSME104-1&2-B | MSME104R | MSMVGA | MSMJ104D | MSMX104 |
| **Status** | for new designs | for new designs | for new designs | for new designs | for new designs |







| Part.-No. | 806020 | 806021 | 806034 | 806032 | 806031 |
|---|---|---|---|---|---|
| **Type** | **MSMF104** | **MSMF104-S** | **MSMCAN** | **MSMPS104** | **MSMBAT104** |
| **Function** | Flashdisk | SRAM-Disk | CAN Controller | Power Supply | Battery UPS |
| **Controller** | 2 x DiskOnChip | - | i82C527 | 2-Phase PWM | SBS Gas Gauge |
| **Connector** | - | - | CAN | - | Power |
| **Bus** | ISA | ISA | ISA | ISA, Power | I2C |
| **Remarks** | max. 2 x 144MB | 0,5 - 2MB SRAM | - | Output1: 5V/15A | Varta HRY-AAA |
| **Remarks** | - | - | - | Output2: 12V/2A | - |
| **Power Normal** | 5V/100mA (typ.) | 5V/100mA (typ.) | 5V/250mA (typ.) | 8V-30VDC | up to 720 mAh |
| **Power Suspend** | 5V/100mA (typ.) | 5V/100mA (typ.) | 5V/250mA (typ.) | 8V-30VDC | 9.6V nominal |
| **Operating Temp.** | -25°C to +70°C | -25°C to +70°C | -25°C to +70°C | -25°C to +70°C | -10°C to +50°C discharging |
| **Extended Temp.** | -40°C to +85°C | -40°C to +85°C | -40°C to +85°C | -40°C to +70°C | 0°C to +50°C charging |
| **Weight (gr)** | 100 | 80 | 50 | 60 | 120 |
| **MTBF** | > 100'000h | > 100'000h | > 100'000h | >100'000h | 1000 cycles |
| **Ordering Guide** | MSMF104-2D | MSMF104-S05 | MSMCAN | MSMPS104 | MSMBAT104 |
| **Status** | for new designs | 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 | Pb ab 7/2006

Änderungen vorbehalten / Subject to change!

**Artisan Technology Group** is an independent supplier of quality pre-owned equipment

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