

PC/104 Peripherals



Type	MSME-12-12	MSMJ104D	MSMVGA MSMVGA/LCD
Function	Ethernet LAN	PC-Card	VIDEO/LCD
Controller	SMC 91C96	VADEM 469	C&T 65545
Connector	10BASE-2 / -T	2x type II, 1x type III	CRT, LCD
Bus	ISA	ISA	ISA
Onboard Flash (MB)	32k BIOS	32k BIOS	32k BIOS
Remarks	—	—	—
Power Normal	5V/450mA (typ.)	5V/180m (typ.)	5V/260mA (typ.)
Power Suspend	5V/450mA (typ.)	5V/180m (typ.)	5V/200mA (typ.)
Operating Temp.	-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
Weight (gr)	80	150	80
MTBF	> 100'000 h	> 100'000 h	> 100'000 h



Type	MSMM104	MSMF104
Function	Audio	Flashdisk
Controller	ESS 1869	2x DOC2000
Connector	MIC, Stereo Out	—
Bus	ISA	ISA
Onboard Flash (MB)	—	—
Remarks	—	—
Power Normal	5V/290mA (typ.)	5V/100mA (typ.)
Power Suspend	5V/290mA (typ.)	5V/100mA (typ.)
Operating Temp.	25°C to +70°C	-25°C to +70°C
Extended Temp.	-40°C to +85°C	-40°C to +85°C
Weight (gr)	80	100
MTBF	> 100'000 h	> 100'000 h

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Type	MSMCAN104	MSMPS104	MSMBAT104
Function	CAN Controller	Power Supply	Battery UPS
Controller	i82C527	2x DOC2000	SBS Gas Gauge
Connector	CAN	—	Power
Bus	ISA	ISA	12C
Onboard Flash (MB)	max. 2 x 144 MB	—	Varta HRY-AAA
Remarks	—	—	—
Power Normal	5V/250mA (typ.)	5V/100mA (typ.)	up to 720 mAh
Power Suspend	5V/250mA (typ.)	5V/100mA (typ.)	9.6V nominal
Operating Temp.	-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	0°C to +50°C charging
Weight (gr)	50	100	120
MTBF	> 100'000 h	> 100'000 h	1000 cycles



Type	MSMR104	MSMX104
Function	Audio	Audio
Controller	ESS 1869	ESS 1869
Connector	MIC, Stereo Out	MIC, Stereo Out
Bus	ISA	ISA
Onboard Flash (MB)	—	—
Remarks	—	—
Power Normal	5V/290mA (typ.)	5V/290mA (typ.)
Power Suspend	5V/290mA (typ.)	5V/290mA (typ.)
Operating Temp.	25°C to +70°C	25°C to +70°C
Extended Temp.	-40°C to +85°C	-40°C to +85°C
Weight (gr)	80	80
MTBF	> 100'000 h	> 100'000 h

All data subject to change without notice.

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