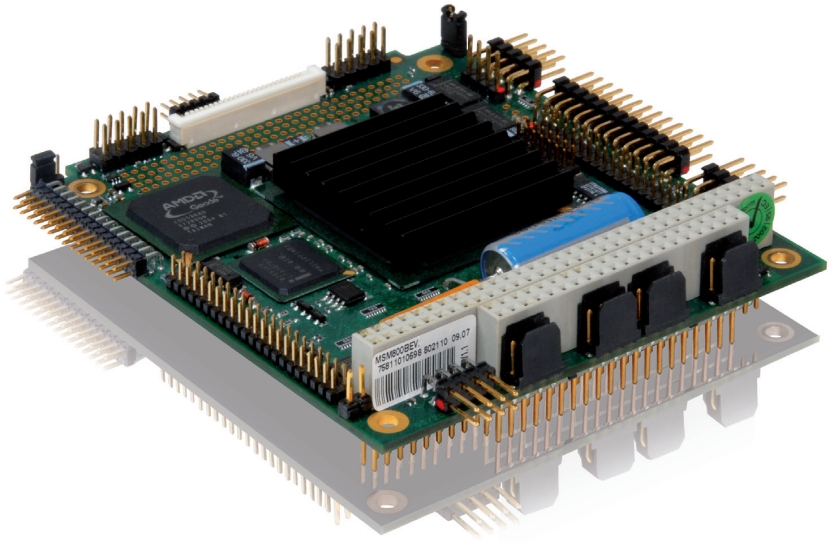
kontron

» MSM800SEL/SEV/BEV «



MICROSPACE

EMBEDDED-PC PC/104-Plus MODULES

PC/104-Plus AMD GeodeTM LX800

» Information terminals
» Control of interactive devices
» Play systems with music output
» Measuring instruments
» Telecommunication devices

Technical Information

	MSM800SEL	MSM800SEV	MSM800SEV
Processor/Performance	AMD Geode™ LX800 / 500MHz	AMD Geode™ LX800 / 500MHz	AMD Geode™ LX800 / 500MHz
Chipset	CS5536AD	CS5536AD	CS5536AD
Bus - ISA-BUS (Option 807006 or 807005)	PC/104 - 8bit	PC/104 - 8bit	PC/104 - 8bit
Memory	128-1024	128-1024	128-1024
Graphics/Resolution			
Video controller	LX800	LX800	LX800
Video memory (MB)	16 (UMA)	16 (UMA)	16 (UMA)
LCD interface	24bit, 240x 320 to 1600x 1200	24bit, 240x 320 to 1600x 1200	24bit, 240x 320 to 1600x 1200
CRT interface		Yes	Yes
HDD/CF - IDE interface P-ATA	1x	1x	1x
Parallel/Serial Port			
COM1 / COM2 / COM3 / COM4	RS232C / RS232 / - / -	RS232C / RS232 / - / -	RS232C / RS232 / - / -
USB	4x (2.0)	4x (2.0)	4x (2.0)
Ethernet	10/100BASE-T	10/100BASE-T	10/100BASE-T
Sound	-	AC97	AC97
RTC battery onboard (typ. 5 years)	external	400mAh	400mAh
Standard Temperature	0°C to +60°C	0°C to +60°C	0°C to +60°C
Extended Temperature (E48)	-25°C to +70°C	-25°C to +70°C	-25°C to +70°C
Ext. operating temp. w. 807042 + E48	-	-	-
Ext. operating temp. w. 807043 + E48	-	-	-
Dimensions	90 x 96/99	90 x 96/99	90 x 96/99

Ordering Information

Article	Part No.	Description
MSM800SEL	802105	Part no.
MSM800SEV	802100	Part no.
MSM800BEV	802110	Part no.
Option L+	807006	PC/104plus Con. long not with Opt.CF (807007)
Option P+	807005	PC/104plus Con. short
Option CF2	807007	CF Socket Type II not with Opt.-L+ (807006)
MSM800-CKCON	803035	Cablekit with connector- print for USB, LAN, Sound, Cables:FD, COM, LPT, PWR, PS2
MSFLOPPY	891001	Floppydrive, 26pin, black
MSFDCK	802600	Microfloppycable 150mm
MSM800-LANCON	803046	LAN cable with RJ45 print
MSM800-DVICON	803042	Converter to DVI-D 24Bit, not for 802105
MSM800-LVDSCON	803044	Converter to LVDS
SODIMM DDR 128MB	890669	333MHz, 200pin, noECC
SODIMM DDR 256MB	890670	333MHz, 200pin, noECC
SODIMM DDR 512MB	890671	333MHz, 200pin, noECC
SODIMM DDR 1GB	890672	333MHz, 200pin, noECC
MSM800... smallcooler	807041	For -25°C to +70°C Air
MSM800... large cooler	807042	For -40°C to +85°C Air (not with 802100/802105)
MSM800... Thermo Junction	807043	Thermal conduct. cooling (not with 802100/802105) needs screening opt.E48
Enhanced Temperature	807713	E48 (-40°C to +85°C)

CORPORATE OFFICES

Europe, Middle East & Africa
Lise-Meitner-Str. 3-5
86156 Augsburg
Germany
Tel.: +49 (0) 821 4086-0
Fax: +49 (0) 821 4086 111
sales@kontron.com

North America
14118 Stowe Drive
Poway, CA 92064-7147
USA
Tel.: +1 888 294 4558
Fax: +1 858 677 0898
info@us.kontron.com

Asia Pacific
17 Building,Block #1, ABP.
188 Southern West 4th Ring Road
Beijing 100070, P.R.China
Tel.: +86 10 63751188
Fax: +86 10 83682438
info@kontron.cn

Datasheet – MSM800-SEL-SEV-BEV #01082015WMH
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