

General Purpose Microprocessor Support ICs — continued

SEM422

Mfr.	Pins	Description	Mfrs. List No.	Order Code	1+	10+	100+	250+	500+
33064	ON	3/TO-92 Microprocessor Reset Controller. (IND TEMP)	MC33064P	791-891					
33064	ZET	3/TO-92 Supply Voltage Monitor, threshold voltage 4.6V	ZM33064C	633-318					
33064	ZET	3SOT223 Supply Voltage Monitor, threshold voltage 4.6V	ZM33064G	SMD 302-3930					
33161	ON	8 Supply Voltage Monitor with 2.54V reference. (IND TEMP)	MC33161D	SMD 300-4790					
33164	ON	3/TO-92 Microprocessor Reset Controller with 2.7V threshold voltage. (IND TEMP)	MC33164P3	791-910					
33164	ON	3/TO-92 Microprocessor Reset Controller with 4.3V threshold voltage. (IND TEMP)	MC33164P5	791-908					
33164	ZET	3/TO-92 Supply Voltage Monitor, threshold voltage 4.3V	ZM33164C	633-320					
33164	ZET	3SOT223 Supply Voltage Monitor, threshold voltage 4.3V	ZM33164G	SMD 302-3941					
33164	ZET	3/TO-92 Supply Voltage Monitor, threshold voltage 2.68V	ZM33164-3C	791-453					
33164	ZET	8 Supply Voltage Monitor, threshold voltage 2.68V	ZM33164-3N8	SMD 791-465					
34604	ON	8 Microprocessor Reset Controller with 4.6V threshold voltage	MC34064D5	SMD 703-692					
34604	ON	3/TO-92 Microprocessor Reset Controller with 4.6V threshold voltage	MC34064P5	703-709					
331643	ZET	3SOT223 Supply Voltage Monitor, threshold voltage 2.68V	ZM331643G	SMD 302-3953					



Microperipheral and Interface Products

Product Range	V <sub>cc</sub>	Reset	Output	Typical T <sub>RPV</sub>	Typical I <sub>DD</sub>
MCP100	1.0V-5.5V	Active Low	CMOS Push-Pull	350ms	45µA
MCP101	1.0V-5.5V	Active High	CMOS Push-Pull	350ms	45µA
MCP120	1.0V-5.5V	Active Low	CMOS Open-Drain	350ms	45µA
MCP130	1.0V-5.5V	Active Low	CMOS Open-Drain w/5kΩ Pull-Up	350ms	45µA

Note: MCP809 and MCP810 are similar to the MCP100 and MCP101, respectively, but available in 3-pin SOT-23, B bondout. Trip points for all parts: Min. 3.0, Max. 3.15. The manufacturers part number notation: e.g. MCP100-315DI/TO ..... MCP100 Product Range. 315 denotes the maximum trip point of 3.15. D/F/G/H denotes D/F/G/H bondout, blank - non bondout type. TO denotes 3/TO-92, TT - 3/SOT-23, SN - 8/SOIC packages.

SEM773

Mfrs. List No.	Order Code	1+	10+	100+
MCP100-315DI/TO	302-0710			
MCP100-450DI/TO	302-0745			
MCP100-475DI/TO	302-0757			
MCP100-315HI/TO	302-0769			
MCP100-450HI/TO	302-0770			
MCP100-475HI/TO	302-0782			
MCP100T-315I/TT	302-0794			
MCP100T-450I/TT	302-0800			
MCP100T-475I/TT	302-0812			
MCP101-315DI/TO	302-0824			
MCP101-450DI/TO	302-0836			
MCP101-475DI/TO	302-0848			
MCP101-315HI/TO	302-0850			
MCP101-450HI/TO	302-0861			
MCP101-475HI/TO	302-0873			
MCP101T-315I/TT	302-0885			
MCP101T-450I/TT	302-0897			
MCP101T-475I/TT	302-0903			
MCP120-315DI/TO	302-0915			
MCP120-450DI/TO	302-0927			
MCP120-475DI/TO	302-0939			
MCP120-315GI/TO	302-0940			
MCP120-450GI/TO	302-0952			
MCP120-475GI/TO	302-0964			
MCP120-315HI/TO	302-0976			
MCP120-450HI/TO	302-0988			
MCP120-475HI/TO	302-0990			

Mfrs. List No.	Order Code	1+	10+	100+
MCP120T-315I/TT	302-1002			
MCP120T-450I/TT	302-1014			
MCP120T-475I/TT	302-1026			
MCP120-315I/SN	302-1038			
MCP120-450I/SN	302-1040			
MCP120-475I/SN	302-1051			
MCP130-315DI/TO	302-1063			
MCP130-450DI/TO	302-1075			
MCP130-475DI/TO	302-1087			
MCP130-315FI/TO	302-1099			
MCP130-450FI/TO	302-1105			
MCP130-475FI/TO	302-1117			
MCP130-315HI/TO	302-1129			
MCP130-450HI/TO	302-1130			
MCP130-475HI/TO	302-1142			
MCP130T-315I/TT	302-1154			
MCP130T-450I/TT	302-1166			
MCP130T-475I/TT	302-1178			
MCP130-315I/SN	302-1180			
MCP130-450I/SN	302-1191			
MCP130-475I/SN	302-1208			
MCP809T-315I/TT	302-1210			
MCP809T-450I/TT	302-1221			
MCP809T-475I/TT	302-1233			
MCP810T-315I/TT	302-1245			
MCP810T-450I/TT	302-1257			
MCP810T-475I/TT	302-1269			

SEM565B

Mfr.	Pins	Description	Mfrs. List No.	Order Code	1+	10+	100+	250+	500+
<b>Miscellaneous (Communications Controllers/USARTS etc.)</b>									
520	TEL	14	Serial Interface Adaptor and Controller. Compliments TC500ACPE ADC.	TC520ACPD	789-914				
2641	PS	24	Universal Asynchronous Data Communications Controller. Interfaces directly to most 8-bit microprocessors and may be used in a polled or interrupt-driven system environment.	SCN2641CC1N24	391-414				
2651	PS	28	USART Programmable Communications Interface	SCN2651CC1N28	391-426†				
2661	PS	28	Enhanced Programmable Communications Interface (baud rate clock 4.9152MHz)	SCN2661BC1N28	391-438†				
2661	PS	28	Enhanced Programmable Communications Interface (baud rate clock 5.0688 MHz)	SCN2661CC1N28	391-440				
2681	PS	24	DUART, two independent communication channels, separate baud rate generators, for multiplexed bus processors. 0.4" package	SCN2681AC1N24	391-451				
2681	PS	28	0.6" package of 24 pin version, but with 8-bit programmable output port.	SCN2681AC1N28	391-463				
2681	PS	40	0.6" package of 24 pin version, but with 8-bit programmable output port and 7-bit input port.	SCN2681AC1N40	391-475				
2691	PS	28	CMOS High Performance UART, provides full duplex operation. Programmable operating speed. (PLCC Package)	SCC2691AC1A28	SMD 699-731				
2691	PS	24	CMOS High Performance UART, provides full duplex operation. Programmable operating speed. (PLCC)	SCC2691AC1D24	SMD 302-6346				
2691	PS	24	CMOS High Performance UART, provides full duplex operation. Programmable operating speed	SCC2691AC1N24	428-711				
2692	PS	44	CMOS DUART, two independent communication channels, separate baud rate generators, 15 I/O pins. (PLCC Package)	SCC2692AC1A44	SMD 699-688				

† Available until stocks are exhausted

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604

604

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