

IQ MINIMODULE

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Einführung siehe PCNEM5 65, Seite 28
 Webübersicht siehe <http://www.mfm.at/IG.htm> und
http://www.tqs.de/HTM_Files/IQGroup_deutsch.htm

	Typ	TQM164	TQM165	TQM165CT	TQM166	TQM167	TQM167C	TQM167LC	IPC586	TQM386	TQM386C	TQM3052	TQM821	TQM860	TQM823	TQM165
µP-Kernel	Processor	SAB-C164CI	SAB-C165	SAB-C165	SAB-C166	SAB-C167	SAB-C167CR	SAB-C167CR	Pentium 133	i386EX	i386EX	79R3052	MCP821	MCP860	MCP823	MPC850
	Manufacturer	SIEMENS	SIEMENS	SIEMENS	SIEMENS	SIEMENS	SIEMENS	SIEMENS	Intel	Intel	Intel	IDT	Motorola	Motorola	Motorola	Motorola
	Clock	40 MHz	40 MHz	40 MHz	40 MHz	40 MHz	40 MHz	40 MHz	133 MHz	50 MHz	50 MHz	66 MHz	50 MHz	50 MHz	50 MHz	50 MHz
	Pow. Fail / WD	MAX808	MAX691	MAX691	MAX691	MAX691	MAX691	MAX808	MAX809/814	MAX705	MAX705	MAX705	MAX705	MAX705	MAX705	MAX705
	RTC	intern	-	Seiko4553	-	-	-	-	x	Seiko 4553	Seiko 4553	-	internal	internal	internal	internal
Memory	DRAM	-	-	-	-	-	-	-	16-64M	512k-1M	1M-4M	1M-8M	8M-128M	8M-128M	8M-32M	8M-32M
	SRAM	256k	256k-1M	32k-512k	256k	256k-1M	256k-1M	256k	-	-	-	-	128k-2M	128k-2M	-	-
	FLASH	128k-256k	256k-1M	128k-512k	256k	256k-1M	256k-1M	128k-256k	4-16M	512k-1M	1M-2M	256k-4M	1M-16M	1M-16M	1M-16M	1M-16M
	EEPROM	-	-	1024	1024t	-	-	-	1k	-	-	-	128-16k	128-16k	-	-
Interface	Serial	RS232	RS232	RS232/458	RS232	RS232	RS232	RS232	COM1/2	COM1/2	COM1/2	COM1/2	4xRS232	4xRS232	2xRS232	2xRS232
	Paralell	-	-	-	-	-	-	-	LPT1	LPT1	LPT1	LPT1	x	x	x	x
	SCSI	-	-	-	-	-	-	-	IDE	-	-	-	x	x	-	-
	Keyboard	-	-	Matrix 4x5	-	-	-	-	x	8042comp	8042comp	-	-	-	-	-
	Speaker	-	-	x	-	-	-	-	x	-	-	-	-	-	-	-
	Display	-	-	Grafik	-	-	-	-	VGA	-	-	-	int. LCD	-	int. LCD	-
	Card Reader	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
	Down Load	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
CAN	CAN	Int 82527	-	1x82527	-	-	Int 82527	Int 82527	-	-	2x82527	-	-	-	2x82527	2x82527
	optoisolated	-	-	x	-	-	-	-	-	-	x	-	-	-	-	-
SW	Op. System	x	x	x	x	x	x	x	-	DOS	DOS	-	-	-	-	-
	Driver	x	x	x	x	x	x	x	BIOS	BIOS	BIOS	-	-	-	-	-
General	Power Supply	5V	5V	5V	5V	5V	5V	5V	5V	5V	5V	5V	3.3V o. 5V	3.3V o. 5V	3.3V	3.3V
	Current	< 300mA	< 300mA	300mA typ.	300mA typ.	300mA typ.	300mA typ.	300mA typ.	TBD	300mA typ.	300mA typ.	600mA	ca. 3W	ca. 3W	ca. 2W	ca. 2W
	Temp. Range	0-70°C	0-70°C	0-70°C	0-70°C	0-70°C	0-70°C	0-70°C	0-70°C	0-70°C	0-70°C	0-70°C	0-70°C	0-70°C	0-70°C	0-70°C
	Connector	2.54mm	2.54mm	2.54mm	2.54mm	2.54mm	2.54mm	0.8mm	0.8 mm	2 mm	2 mm	2 mm	0.8 mm	0.8 mm	0.8 mm	0.8 mm
	Dimension	54x41mm	54x41mm	76x90mm	54x82mm	54x82mm	54x82mm	54x41mm	76x102mm	54x81mm	54x81mm	75x100mm	54x81mm	54x81mm	54x41mm	54x41mm
	Starterkit	STK164	STK165	STK166	STK166	STK167	STK167C	STK167LC	STK586	STK386	STK386C	STK3052	STK821	STK860	STK823	STK850