



ClearView™ Mathias PICmicro® Emulator

Description	Part#	Price
Main Unit		
(includes TDE Software, CVASM16 Assembler, PIC Tools Manual, power-supply and cables)	#CVM1	\$499.00
5X Family Module (only 1 required for 12bit devices)		
12bit Family Module, 20MHz	#CVM5XF	\$150.00
XX Family Module (only 1 required for 14bit devices)		
Advanced 14bit Family Module, 25MHz w/Data Breakpoints	#CVM03F	\$200.00
Member Modules		
PIC16C5x (PIC16C52/54/54A/55/55A/56/56A/57/57C/58A/58B)	#CVM5XM	\$50.00
PIC12C508/508A/509/509A (8 pin DIP cable included)	#CVM50XM	\$75.00
PIC16C505, PIC12C508/508A/509/509A, PIC12CE518/519 (8 pin & 14 pin DIP cable included)	#CVM5XXM	\$100.00
PIC16C554/558	#CVM55XM	\$100.00
PIC16C61	#CVM61M	\$100.00
PIC16C620/620A/621/621A/622/622A	#CVM62XM	\$100.00
PIC16F627/628	#CVMF628M	\$200.00
PIC16C641/642/661/662	#CVM66XM	\$200.00
PIC12C671/672, PIC12CE673/674 (8 pin DIP cable included)	#CVM67XM	\$100.00
PIC16C62-65/72-74/62A/64A/65A/73A/74A	#CVM7XM	\$200.00
PIC16F73/74/76/77	#CVMF77M	\$200.00
PIC16C70/71/710/711	#CVM711M	\$100.00
PIC16C715	#CVM715M	\$100.00
PIC16C712/716 (requires CVM77M Rev. C)	#ADP716	\$35.00
PIC16C62b/63A/65B/72A/73B/74B/66/67/76/77/ (712/716 **) (Rev. C)	#CVM77M	\$200.00
PIC16C773/774	#CVM77XM	\$200.00
PIC16F83/84/83A/F84A (up to 20 MHz operation)	#CVMF84AM	\$150.00
PIC16C83/84/F83/F84 (up to 10 MHz operation)	#CVMF84M	\$100.00
PIC16F870/871	#CVM871M	\$200.00
PIC16F872/873/874/876/877	#CVM87XM	\$200.00
PIC16C554/558 PIC16C620/620A/621/621A/622/622A PIC16CE623/624/625	#CVM001M	\$200.00
Optional Modules & Adapters		
Execution Timing Module	#CVMT1	\$130.00
Trace / Timing Module (CVMT1 Functions, plus 16K Trace Buffer)	#CVMT2	\$270.00
16Cxx PLCC Adapter	#ADP40P-LC	\$69.00
16Cxx PLCC Adapter (with reinforced plug)	#ADP40P	\$109.00
Upgrades		
Latest Firmware/Logic Kit	#CVM1-FWL	\$55.00

** Requires Adapter - ADP716

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QuickWriter™ PICmicro® MCU Programmer

Description	Part#	Price	
QuickWriter			
PICmicro MCU Programmer. Currently supports over 100 devices, operates on Win9x/NT/2000 Operating System and includes: TechTools Design Environment (TDE), CVASM16 PICmicro MCU Assembler, PIC Tools Manual (in electronic format), QuickWriter software, power-supply, ICSP cable and Serial cable.	#QW1	\$199.00	
Programming Adapters (Single Device, Supported by QuickWriter, PICwriter & Parallax)			
8 pin LIFF socket	8 pin & 14 pin, 12 bit & 14 bit DIP devices	#MP-12Cxxx	\$49.00
14 Pin ZIF socket	8 pin & 14 pin, 12 bit & 14 bit DIP devices	#MP-ZIF14	\$59.00
18 Pin ZIF socket	18 pin, 12 bit & 14 bit DIP devices		
28 Pin ZIF socket	28 pin, 12 bit DIP devices	#MP-ZIF18/28	\$69.00
28 pin ZIF socket	DIP PIC14C000 only	#MP-14000	\$59.00
40 Pin ZIF socket	28 pin & 40 pin 14bit DIP devices.	#MP-ZIF40	\$49.00
44 Pin PLCC socket	44 pin 14 bit PLCC devices	#MP-PLCC44	\$129.00
14 pin SOIC socket(s)	8 pin & 14 pin, Narrow & Wide, 12 bit & 14 bit SOIC devices	#MP-SOIC8/14	\$89.00
18 PIN SOIC socket	18 pin, 12 bit & 14 bit SOIC devices	#MP-SOIC18	\$79.00
18 Pin SSOP socket	18 pin, 12 bit & 14 bit SSOP devices	#MP-SSOP18	\$79.00
28 PIN SOIC socket(s)	28 pin, 12 bit & 14 bit SOIC devices	#MP-SOIC28	\$129.00
28 Pin SSOP socket(s)	28 pin, 12 bit & 14 bit SSOP devices	#MP-SSOP28	\$99.00
Gang Programming Adapters * (4 position, For QuickWriter only)			
40 pin ZIF sockets	28 pin & 40 pin, 14bit DIP devices	#QW-4ZIF40/28	\$199.00
44 pin PLCC sockets	44 pin 14 bit PLCC devices	#QW-4PLCC44	\$199.00
28 pin SOIC sockets	28 pin, 14 bit SOIC devices	#QW-4SOIC28	\$249.00
28 pin SSOP sockets	28 pin, 14 bit SSOP devices	#QW-4SSOP28	\$249.00
18 pin ZIF sockets	18 pin, 14 bit DIP devices	#QW-4ZIF18	\$199.00
18 pin SOIC sockets	18 pin, 14bit SOIC devices	#QW-4SOIC18	\$249.00
20 pin SSOP sockets	20 pin, 14bit SSOP devices	#QW-4SSOP20	\$249.00
14 pin ZIF sockets	8 pin & 14 pin, 14 bit DIP devices	#QW-4ZIF8/14	\$199.00
14 pin SOIC sockets	8 pin & 14 pin, Narrow 14 bit SOIC devices	#QW-4SO8/14N	\$249.00
14 pin SOIC sockets	8 pin & 14 pin, Wide 14 bit SOIC devices	#QW-4SO8/14W	\$249.00
* Does NOT support parallel programmed devices (i.e. PIC16C52/54/54A/55/55A/56/56A/57/57C/58A/58B)			
Upgrades (Upgrade your Parallax Programmer to support current devices and the Windows Operating System.)			
Upgrade Kit includes: TechTools Design Environment (TDE), CVASM16 PICmicro Assembler, PIC Tools Manual (in electronic format), PICwriter software, Serial Protocol Adapter and our latest Firmware chip.	#PGM2PICWT	\$75.00	

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PICmicro[®] Replacement Items

Description	Part#	Price
Cables		
Target Cable IDC to 8 pin DIP (.300) - 4"	#C8ND-4	\$15.00
Target Cable IDC to 18 pin DIP (.300) - 4"	#C18ND-4	\$15.00
Target Cable IDC to 28 pin DIP (.300) - 4"	#C28ND-4	\$15.00
Target Cable IDC to 28 pin DIP (.600) - 4"	#C28D-4	\$15.00
Target Cable IDC to 40 pin DIP (.600) - 4"	#C40D-4	\$15.00
ICSP Cable QuickWriter In Circuit Serial Programming Cable	#CBL-ICSP	\$10.00
Misc.		
PICmicro Software & Manual (TDE Debugger, CVASM16 Assembler & PIC Tools Manual)	#CVM-CV16	\$99.00
PIC Development Tools Manual (Version 8.0)	#CVM-MN8	\$30.00
Mathias 7.5VDC Power Supply (US, Canada & Japan)	#CVMPS	\$25.00
Replacement PLCC Bondout	#BND-Pxx	\$75.00
Replacement Dip Bondout	#BND-Dxx	\$35.00

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UniROM™ Advanced Memory Emulator

Size	Description	Speed	Model#	Price
8 bit Units				
512 Kbit	64K X 8 w/ 28 pin & 32 pin DIP cable	90 ns	#UR08-512-90	\$595.00
		45 ns	#UR08-512-45	\$695.00
		35 ns	#UR08-512-35	\$795.00
1 Mbit	128K X 8 w/ 28 pin & 32 pin DIP cable	90 ns	#UR08-1M-90	\$645.00
		45 ns	#UR08-1M-45	\$765.00
		35 ns	#UR08-1M-35	\$895.00
2 Mbit	256K X 8 w/ 28 pin & 32 pin DIP cable	90 ns	#UR08-2M-90	\$695.00
		45 ns	#UR08-2M-45	\$835.00
		35 ns	#UR08-2M-35	\$995.00
4 Mbit	512K X 8 w/ 28 pin & 32 pin DIP cable	90 ns	#UR08-4M-90	\$795.00
		45 ns	#UR08-4M-45	\$975.00
		35 ns	#UR08-4M-35	\$1195.00
8 Mbit	1M X 8 w/ 28 pin & 32 pin DIP cable	90 ns	#UR08-8M-90	\$995.00
		45 ns	#UR08-8M-45	\$1255.00
		35 ns	#UR08-8M-35	\$1595.00
16 Mbit	2M X 8 w/ 28 pin & 32 pin DIP cable	90 ns	#UR08-16M-90	\$1395.00
		45 ns	#UR08-16M-45	\$1815.00
		35 ns	#UR08-16M-35	\$2395.00
Dual 8bit Units				
1 Mbit	(2) 64K X 8 w/ (2) 28 pin & (2) 32 pin DIP cables	90 ns	#UR16-1M-90	\$795.00
		45 ns	#UR16-1M-45	\$895.00
		35 ns	#UR16-1M-35	\$995.00
2 Mbit	(2) 128K X 8 w/ (2) 28 pin & (2) 32 pin DIP cables	90 ns	#UR16-2M-90	\$895.00
		45 ns	#UR16-2M-45	\$1035.00
		35 ns	#UR16-2M-35	\$1195.00
4 Mbit	(2) 256K X 8 w/ (2) 28 pin & (2) 32 pin DIP cables	90 ns	#UR16-4M-90	\$995.00
		45 ns	#UR16-4M-45	\$1175.00
		35 ns	#UR16-4M-35	\$1395.00
8 Mbit	(2) 512K X 8 w/ (2) 28 pin & (2) 32 pin DIP cables	90 ns	#UR16-8M-90	\$1195.00
		45 ns	#UR16-8M-45	\$1455.00
		35 ns	#UR16-8M-35	\$1795.00
16 Mbit	(2) 1M X 8 w/ (2) 28 pin & (2) 32 pin DIP cables	90 ns	#UR16-16M-90	\$1595.00
		45 ns	#UR16-16M-45	\$2015.00
		35 ns	#UR16-16M-35	\$2595.00
32 Mbit	(2) 2M X 8 w/ (2) 28 pin & (2) 32 pin DIP cables	90 ns	#UR16-32M-90	\$2395.00
		45 ns	#UR16-32M-45	\$3135.00
		35 ns	#UR16-32M-35	\$4195.00
URCOM				
-	optional Hardware UART ("Write by Read" operation)	90ns	#URCOM-90	\$129.00
-	optional Hardware UART ("Write by Read" operation)	45ns	#URCOM-45	\$169.00
-	optional Hardware UART ("Write by Read" operation)	35ns	#URCOM-35	\$199.00

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FlexROM™III Flexible FLASH /EPROM /SRAM Emulator

Size	Description	Speed	Model#	Price
FlexROM III (NOTE: At least 1 ACM target interface is required for proper operation.)				
1 Mbit	128K x 8 / 64K x 16	45 ns	#FR3-1M	\$279.00
4 Mbit	512K x 8 / 256K x 16	45 ns	#FR3-4M	\$379.00
8 Mbit / 1MByte	1M x 8 / 512K x 16	45 ns	#FR3-8M	\$529.00
16 Mbit / 2MByte	2M x 8 / 1M x 16	45 ns	#FR3-16M	\$679.00
32 Mbit / 4MByte	4M x 8 / 2M x 16	45 ns	#FR3-32M	\$799.00
64 Mbit / 8MByte	8M x 8 / 4M x 16	45 ns	#FR3-64M	\$1,099.00
128 Mbit / 16MByte	16M x 8 / 8M x 16	45 ns	#FR3-128M	\$1,799.00
256 Mbit / 32MByte	32M x 8 / 16M x 16	45 ns	#FR3-256M *	\$2,999.00
Active Cable Modules (NOTE: Each FlexROM requires 1 ACM target interface for proper operation.)				
-	8 bit access w/ DIP 28 & DIP 32 cables	-	#ACM-8	\$120.00
-	16 bit access w/ DIP 40 cable	-	#ACM-16	\$120.00
-	Dual 8 bit access w/ 2-DIP 28 & 2-DIP 32 cables	-	#ACM-2x8 *	\$150.00
-	Dual 50 pin cables w/ interspersed ground	-	#ACM-C	\$150.00

EconoROM™III Economical EPROM Emulator

Size	Description	Speed	Model#	Price
EconoROM III				
256 Kbit	32K X 8	45 ns	#ER3-256	\$179.00
512 Kbit	64K X 8	45 ns	#ER3-512	\$239.00
1 Mbit	128K X 8	45 ns	#ER3-1M	\$299.00
4 Mbit	512K X 8	45 ns	#ER3-4M	\$399.00
8 Mbit / 1MByte	1M X 8	45 ns	#ER3-8M	\$499.00

ROM Tool Replacement Items & Accessories

Description	Part#	Price
Cables & Adapters		
Target Cable IDC to 28 pin DIP (.600) - 6"	#C28D-6	\$15.00
Target Cable IDC to 32 pin DIP (.600) - 6"	#C32D-6	\$15.00
Target Cable IDC to 40 pin DIP (.600) - 6"	#C40D-6	\$15.00
Target Cable IDC to 28 pin DIP (.600) - 12" (UniROM only)	#C28D-12S	\$25.00
Target Cable IDC to 32 pin DIP (.600) - 12" (UniROM only)	#C32D-12S	\$25.00
25' Download cable, 8 wire RJ45, silver satin (ER2/ER3/FR2/FR3/UniROM)	#CBL08-25	\$10.00
Adapts (2) 8 bit units to 16 bit (40 pin DIP)	#ADP16	\$69.00
Adapts (2) 8 bit units to 16 bit (40 pin DIP) (UniROM)	#ADP16-S	\$69.00
Adapts 16 bit unit to (2) 8 bit target devices (2 - 32 pin DIP cables)	#ADP2x8	\$69.00
Converts 28pin Device or cable to 32pin PLCC (EPROM <= 64Kbit x 8)	#ADP28-BP	\$109.00
Converts 32pin Device or cable to 32pin PLCC (EPROM >= 128Kbit x 8 / FLASH)	#ADP32-BP	\$109.00
Converts 40pin Device or cable to 44pin PLCC (EPROM / FLASH)	#ADP40-BP	\$109.00
Low Voltage Adapter w/ ext. pwr - 8 bit (ER2/FR2/UniROM)	#ADP3V-8	\$99.00
Low Voltage Adapter w/ ext. pwr - 16 bit (ER2/FR2/UniROM)	#ADP3V-16	\$99.00
External Power Supply option - 120vac to 5vdc, 2.1mm Barrel type connector (ER3, FlexROM III)	#PS-RT1	\$25.00
External Power Supply option - 120vac to 5vdc, 2.5mm Barrel type connector (UniROM only)	#URSPS	\$25.00

* call for availability

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