

Each PICE-52 emulator includes <i>at least</i> three items from the table below: one of the MRx main board, one of the PRx PODs and one of the ARx package adapters. It may optionally include a trace cable, a bundled C compiler and other accessories from the table below. Pick the parts you need and send us a quote request for price and lead time confirmation to the address: info@phyton.com.		
Part number for ordering	Retail price, USD	Comments. Targets. POD-Adapter compatibility.
Main boards (Emulator logic plus memory; Includes a USB link cable, power adapter and a full software set: IDE, MCA-51 macro assembler, PDS-52 command set software simulator, editor, ICE debugger. Can be connected to a PC serial port - in this case you need to have a RS-232 cable (optional accessory)).		
MR2-52-03U	\$1,350.00	64K code + 64K data on-ice memory, Does not support memory banking.
MR2-52-05U	\$1,650.00	1M code + 448K data on-ice memory, Supports memory banking.
MR2-52-06U	\$2,000.00	2M code + 448K data on-ice memory, Supports memory banking.
PODs (daughter module carrying emulating MCU)		
PR2-52-ARX/ID2	\$450.00	Atmel: AT89C1051, AT89C1051U, AT89C2051, AT89C2051x2, AT89C4051, AT87F51RC, T89C51RB2, T89C51RC2, TS80C51RA2, TS80C58X2, TS83C51RB2, TS83C51RC2, TS83C51RD2, TS87C51RB2, TS87C51RC2, TS87C51RD2; T89C51RD2, AT89C51RD2, AT89C51IB2, AT89C51IC2, AT89C51ED2, AT89C51ID2; Hunyx: 90X5X, 97C2051, 99C58; Intel: 80C31, 80C32, 80C51, 80C51FA, 80C52, 87C51, 87C52, 83C51FA, 83C51FB, 83C51FC, 83C51RA, 83C51RB, 83C51RC, 87C51FA, 87C51FB, 87C51FC, 87C51RA, 87C51RB, 87C51RC, ISSI: IS89C51, IS89C52; OKI: MSM80C154, MSM80C31F, MSM80C51F, MSM83C154; NXP/Philips: 80C31, 80C31X2, 80C32, 80C32X2, 80C51, 80C51X2, 80C52, 80C52X2, 80C54X2, 80C58X2, 87C51, 87C51X2, 87C52, 87C52X2, 87C54X2, 87C58X2, 89C51, 89C52, 89C54, 89C58, 80C51FA, 80C51RA+, 83C51FA, 83C51FB, 83C51FC, 83C51RA+, 83C51RB+, 83C51RC+, 83C51RD+, 87C51FA, 87C51FB, 87C51FC, 87C51RA+, 87C51RB+, 87C51RC+, 87C51RD+, 89C51RA+, 89C51RA2xx, 89C51RB+, 89C51RB2xx, 89C51RC+, 89C51RC2xx, 89C51RD+, 89C51RD2xx, 89LV51RB2, 89LV51RC2, 89LV51RD2, 89V51RB2, 89V51RC2, 89V51RD2; SST: 89C54, 89C58, 89C59, 89F54, 89F58; Texas Instruments TAS1020, TUSB3200;
PR2-52-ARX/SE58	\$450.00	NXP/Philips: 89V51RB2, 89V51RC2; SST: 89E51RC, 89E52RC, 89E52RD, 89E52RD2, 89E54RC, 89E54RD, 89E54RD2, 89E554RC, 89E58RD, 89E58RD2
PR2-52-ARX/SV58	\$450.00	NXP/Philips: 89LV51RB2, 89LV51RC2; SST: 89V51RC, 89V52RC, 89V52RD, 89V52RD2, 89V54RC, 89V54RD, 89V54RD2, 89V554RC, 89V58RD, 89V58RD2
PR2-52-ARX/SE516	\$450.00	NXP/Philips: 89V51RD2; SST: 89E51RC, 89E52RC, 89E54RC, 89E564RD2, 89E516RD, 89E516RD2
PR2-52-ARX/SV516	\$450.00	NXP/Philips: 89LV51RD2; SST: 89V51RC, 89V52RC, 89V54RC, 89V564RD2, 89V516RD, 89V516RD2
PR2-52-ARX/W78	\$450.00	Winbond: W78C32C, W78C51D, W78L32, W78C54, W78C58, W78E516B, W78E51B, W78E52B, W78E54, W78E58, W78E54, W78L51, W78L52, W78L54, W78LE51, W78LE516, W78LE52, W78LE54, W78LE58;
PR1-52-ARX/51U2	\$450.00	Atmel: TS80C51U2, TS83C51U2, TS87C51U2
PR1-52-ARZ	\$550.00	Atmel: T89C51RD2, AT89C51RD2, AT89C51ED2, AT89C51ID2, T8XC5101, T8XC5102 (in PLCC-68 and QFP-64 packages only)
PR1-52-ACC03	\$500.00	Atmel: T89C51AC2, T89C51CC01, T89C5115, T89C51CC02, AT89C51CC03
PR1-52-A5112	\$300.00	Atmel: T83C5111, T87C5111, T83C5112, T87C5112
PR1-52-A5131	\$450.00	Atmel: AT89C5131 (3.3V & 5V)
PR1-52-W77	\$450.00	Winbond: W77C32, W77C58, W77E58, W77L32, W77LE58
PR1-52-PLP/768	\$250.00	NXP/Philips: 87LPC760, LPC761, LPC762, LPC764, LPC767, LPC768
PR1-52-PLP/769	\$250.00	NXP/Philips: 87LPC760, LPC761, LPC762, LPC764, LPC767, LPC769
PR1-52-PLP1/935	\$400.00	NXP/Philips: 89LPC901, LPC902, LPC903, LPC906, LPC907, LPC908, LPC912, LPC913, LPC914, LPC921, LPC922, LPC924, LPC925, LPC930, LPC931, LPC932, LPC935, LPC936
PR1-52-PLP1/938	\$400.00	NXP/Philips: 89LPC901, LPC902, LPC903, LPC906, LPC907, LPC908, LPC912, LPC913, LPC914, LPC921, LPC922, LPC930, LPC931, LPC932, LPC938
PR1-52-DS400	\$750.00	Dallas Semiconductor: DS80C400, requires use with MR2-52-05 or MR2-52-06 main board only
PR1-52-DS410	\$750.00	Dallas Semiconductor: DS80C410, DS80C411, requires use with MR2-52-05 or MR2-52-06 main board only
PR1-52-DS450	\$750.00	Dallas Semiconductor: DS89C420, DS89C430, DS89C440, DS89C450
PR1-52-MICO	\$450.00	Micronas: SDA55xx, VCT49xx
Adapters (for package adaptation)		
AR2-52-D40	\$60.00	DIP-40. Fits PR1-52-ARX/xxx, PR1-52-ARZ, PR1-52-W77, PR1-52-DS450
AR2-52-L44	\$100.00	PLCC-44. Fits PR1-52-ARX/xxx, PR1-52-ARZ, PR1-52-W77, PR1-52-ACC03, , PR1-52-DS450
AR2-52-Q44	\$225.00	QFP-44. Fits PR1-52-ARX/xxx, PR1-52-ARZ, PR1-52-W77, PR1-52-ACC03, PR1-52-DS450. Includes a QFP footer and a transition board.
AR1-52-DS400-Q100	\$350.00	QFP-100. Fits PR1-52-DS400, PR1-52-DS410; Includes a QFP footer and a transition board.
AR1-52-ACC01-D24	\$60.00	DIP-24. Fits, PR1-52-ARZ, PR1-52-ACC01
AR1-52-ACC01-D28	\$60.00	DIP-28. Fits PR1-52-ACC03
AR1-52-ACC01-L28	\$80.00	PLCC-28. Fits PR1-52-ACC03
AR1-52-ACC03-D28	\$65.00	DIP-28. Fits PR1-52-A5131
AR1-52-ACC01-Q32	\$195.00	QFP-32. Fits PR1-52-ACC01. Includes a QFP footer and a transition board.

Phyton PICE-52 Price List

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AR1-52-ACC03-Q64	\$300.00	QFP-64. Fits PR1-52-ACC03. Includes a QFP footer and a transition board.
AR1-52-ACC03-L52	\$100.00	PLCC-52. Fits PR1-52-ACC03
AR1-52-A5131-L52	\$100.00	PLCC-52. Fits PR1-52-A5131
AR1-52-A5131-Q64	\$300.00	QFP-64. Fits PR1-52-5131. Includes a QFP footer and a transition board.
AR1-52-A5112-L52	\$95.00	PLCC-52. Fits PR1-52-A5112
AR1-52-A5112-D24	\$60.00	DIP-24. Fits PR1-52-A5112
AR1-52-ARZ-L68	\$100.00	PLCC-68. Fits PR1-52-ARZ
AR1-52-ARZ-Q64	\$300.00	QFP-64. Fits PR1-52-ARZ. Includes a QFP footer and a transition board.
AR1-52-ARZ-D24	\$60.00	DIP-24. Fits PR1-52-ARZ
AR1-52-PLP-D20	\$50.00	DIP20. Fits PR1-52-PLP/768, PR1-52-PLP/769
AR1-52-PLP-D16	\$50.00	DIP-16. Fits PR1-52-PLP/768, PR1-52-PLP/769
AR1-52-PLP-D14	\$50.00	DIP-14. Fits PR1-52-PLP/768, PR1-52-PLP/769
AR1-52PLP1-D8/1	\$50.00	DIP-8. Fits PR1-52-PLP1
AR1-52PLP1-D8/2	\$50.00	DIP-8. Fits PR1-52-PLP1
AR1-52PLP1-D14	\$50.00	DIP-14. Fits PR1-52-PLP1
AR1-52PLP1-D20	\$50.00	DIP-20. Fits PR1-52-PLP1
AR1-52PLP1-D28	\$60.00	DIP-28. Fits PR1-52-PLP1
AR1-52PLP1-L28	\$80.00	PLCC-28. Fits PR1-52-PLP1
AR1-52-MIC-C60	\$120.00	60-pin special TYCO connector on a ribbon cable for Micronas VCT devices. Fits PR1-52-MIC0
AR1-52-VCT49-D88MR	\$195.00	DIP-88 mirrored. Fits PR1-52-MIC0
AR1-52-VCT49-D88NM	\$195.00	DIP-88 not mirrored. Fits PR1-52-MIC0
Additional adapters (include footers soldering onto the target and a plug setting on the AR1-x DIP adapters for SOIC and SSOP packages adaptation)		
AR1-52-D20-2051	\$50.00	Special adapter for emulation of the 20-pin AT89Cx051. Fits AR1-52-D40.
PA-DSO-0803	\$40.00	Adapter for SOIC-8. Fits any Phyton AR-52-xxx-D8 adapter with DIP-8 plug
PA-DSO-1403	\$40.00	Adapter for SOIC-14. Fits any Phyton AR-52-xxx-D14 adapter with DIP-14 plug
PA-DSO-1603	\$45.00	Adapter for SOIC-16. Fits any Phyton AR-52-xxx-D16 adapter with DIP-16 plug
PA-DSO-2003	\$55.00	Adapter for SOIC-20. Fits any Phyton AR-52-xxx-D20 adapter with DIP-20 plug
PA-DSO-2403	\$60.00	Adapter for SOIC-24. Fits any Phyton AR-52-xxx-D24 adapter with DIP-24 plug
PA-DSO-2803	\$65.00	Adapter for SOIC-28. Fits any Phyton AR-52-xxx-D24 adapter with DIP-28 plug
AS-DIP.3-014-SS04-1	\$115.00	Adapter for SSOP-14. Fits any Phyton AR-52-xxx-D14 adaapter with DIP-14 plug
AS-DIP.3-016-SS04-1	\$125.00	Adapter for SSOP-16. Fits any Phyton AR-52-xxx-D16 adapter with DIP-16 plug
AS-DIP.3-020-SS04-1	\$150.00	Adapter for SSOP-20. Fits any Phyton AR-52-xxx-D20 adapter with DIP-20 plug
AS-DIP.3-024-SS04-1	\$175.00	Adapter for SSOP-24. Fits any Phyton AR-52-xxx-D24 adapter with DIP-24 plug
AS-DIP.3-028-SS34S-1	\$200.00	Adapter for SSOP-28. Fits any Phyton AR-52-xxx-D28 adapter with DIP-28 plug
QFP footers for AR1-52-...-Qxxx adapters		
Tqpack32	\$65.00	Footer QFP-32 soldering onto the target board to connect an ICE. Fits any AR1-52-...-Q32 adapter.
Tqpack44	\$85.00	Footer QFP-44 soldering onto the target board to connect an ICE. Fits any AR1-52-...-Q44 adapter.
TQpack64	\$105.00	Footer QFP-32 soldering onto the target board to connect an ICE. Fits any AR1-52-...-Q64 adapter.
TQpack80	\$115.00	Footer QFP-32 soldering onto the target board to connect an ICE. Fits any AR1-52-...-Q80 adapter.
TQpack100	\$135.00	Footer QFP-32 soldering onto the target board to connect an ICE. Fits any AR1-52-...-Q100 adapter.
Optional accessories		
TC-R1	\$130.00	Trace cable with micro hooks for entering 8 ext. signals and outputting 4 triggers
RS-232 cable	\$35.00	Link cable to drive a PICE-52 emulator from a serial port
Bundled compilers and other software integrated with PICE (Not available for exporting from Phyton to any country - call to check)		
CA-51 Keil	\$1,525.00	Commpiler Kit from Keil Software (original p/n).
PK-51Keil	\$2,605.00	Developer Kit from Keil Software. (original p/n).
RKitL51 Raisonance	\$505.00	LITE suite package from Raisonance (original p/n). 32K code size limited
RCA51 Raisonance	\$1,005.00	Compiler Software Package from Raisonance (original p/n).
RKitE51 Raisonance	\$1,795.00	Enterprise suite from Raisonance (original p/n). Includes Code Compressor, RTOS, etc.