

MICROCHIP Demo Boards & Development Products



PICDEM Z ZIGBEE™ DEMONSTRATION KIT

The PICDEM™ Z demonstration kit is an easy-to-use ZigBee™ Technology wireless communication protocol development and demonstration platform. The demonstration kit includes the ZigBee protocol stack and two PICDEM Z boards, each with an RF daughter card. The demonstration board is also equipped with a 6-pin modular connector to interface directly with Microchip's MPLAB® ICD 2 in-circuit debugger (DV164005).

Key Features of the PICDEM Z Demonstration Kit Includes:

- ZigBee software stack supporting RFD (Reduced Function Device), FFD (Full Function Device) and Coordinator
- PIC18LF4620 MCU featuring nanoWatt Technology, 64 KB Flash memory and robust integrated peripherals
- Microchip MRF24J40 RF transceiver and antenna interface via daughter card for flexibility
- ZENA™ wireless network analyzer tool including software protocol stack configuration (DM183023)
- ICSP™ and MPLAB ICD 2 interface connector • RS-232 interface • 9V DC to 3.3V DC regulator
- Temperature sensor (Microchip TC77), LEDs, and button switches to support demonstration

MOUSER STOCK NO.	Microchip Part No.	Description	Price Each
579-DM163027-4	DM163027-4	PICDEM Z Demonstration Kit	269.99

PICKIT™ 1 8/14-PIN FLASH STARTER KIT

The PICKIT™ 1 FLASH Starter Kit is a low-cost development kit with an easy-to-use interface for programming Microchip's 8-/14-pin FLASH family of microcontrollers. This starter kit is designed to help the user get up to speed quickly using PIC® microcontrollers.

Features:

- PICKIT 1 Circuit Board with 8-pin PIC12F675
- PICKIT 1 FLASH Starter Kit CD-ROM, including the HI-TECH PICC™ LITE C Compiler
- Software and Hardware "Tips 'n Tricks" for 8-pin FLASH PIC Microcontrollers booklet
- USB Interface Cable
- MPLAB® Integrated Development Environment CD-ROM

System Requirements/Supported Operating Systems:

- Windows 98 Second Edition
- Windows ME
- Windows 2000
- Windows XP
- Available USB Port

Important Note: The PICKIT(tm) 1 FLASH Starter Kit software will not run on Windows 98 1st edition.

DO NOT INSTALL THIS SOFTWARE ON WINDOWS 98 1ST EDITION

579-DV164101	DV164101	PICKIT 1 8/14P Flash Starter Kit	36.00
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DEMONSTRATION KITS

PicMicro			
579-DM163022	DM163022	PICDEM 2 Plus 'PIC16C62, 63, 64, 65, 66, 67, 72, 73, 74, 76, 77, 87X, 773, 774, 18CX2, 662, 642, 18FXXX Demo Board w/ ICD interface	99.99
579-DM163014	DM163014	PICDEM 4 Demo Board for PIC12F629, 675, PIC16F630, 676, 684, 627A, 628A, 648A, 818, 819, 87, 88, 1220, 1320	129.99
579-DM183011	DM183011	PICDEM MC Demo Board	299.99
579-AC164104	AC164104	rPIC 315 Mhz Receiver	48.00
579-AC164102	AC164102	rPIC 315 Mhz Transmitter	30.00
579-AC164103	AC164103	rPIC 433 Mhz Receiver	25.00
579-AC164101	AC164101	rPIC 433 Mhz Transmitter	30.00
579-DV164102	DV164102	rPIC Kit Development Kit 1	135.00
Connectivity			
579-DM163008	DM163008	MCP2120/2150 Developers Kit for IR communication	279.00
579-DV250501	DV250501	MCP250XX CAN Developer's Kit	165.00
579-DV251001	DV251001	MCP2510/2515 CAN Developer's Kit	239.99
579-DM163011	DM163011	PICDEM CAN-LIN 2 for PIC18FXX8	199.99
579-DM163015	DM163015	PICDEM CAN-LIN 3	199.00
579-DM163010	DM163010	PICDEM USB Demonstration Board for PIC16C7X5	125.00

DSPIC 16 BIT DSC DEMONSTRATION BOARDS

579-DM300014	DM300014	dsPICDEM 1.1 General Purpose Demo Board	299.00
579-DM300020	DM300020	dsPICDEM MC1 Motor Control Development Board	300.00
579-DM300021	DM300021	dsPICDEM MC1H 3-Phase High Voltage Power Module	800.00
579-DM300022	DM300022	dsPICDEM MC1L 3-Phase Low Voltage Power Module	700.00

DEMO AND EVKITS FOR PICMICRO

579-DV103003	DV103003	13.56MHz Anti-collision microID Developer's Kit	999.00
579-DM300017	DM300017	dsPICDEM 28P Starter	79.00
579-DM303006	DM303006	General Purpose Keeloq Evaluation Kit (replaces DM303002)	249.99
579-DV164006	DV164006	MPLAB In-Circuit Debugger 2 Evaluation Kit	229.99
579-DV164032	DV164032	MPLAB ICD 2 with dsPICDEM 1.1 Demo Board	399.99
579-DV164033	DV164033	MPLAB ICD 2 with Explorer 16 Dev. Board	299.99
579-DV164005	DV164005	MPLAB In-Circuit Debugger 2 Module (ICD 2 Module and USB cable)	159.99
579-DV164007	DV164007	MPLAB In-Circuit Debugger 2 Module ws (ICD 2 Module, USB & RS232 cable, Pwr Spl)	189.99
579-DV003001	DV003001	PICSTART supp. PIC12CXXX, 14000, 16C5X, 16C6X, 16CXXX, 16C7X, 16C7XX, 16C8X, 16F8X, 16F87X, 16C9XX, 17CXX, 17CXXX, PIC18CXXX, PIC18FXXX 93 Series and HCS Series	199.99
579-DV007004	DV007004	Production Programmer/Development Kit with built-in ICSP. Programs PICmicro & dsPIC30F devices. SERIAL EEPROM Evaluation Kit for Windows	895.00
579-DV243002	DV243002		99.99

MPLAB CXX COMPILER

MOUSER STOCK NO.	Microchip Part No.	Description	Price Each
579-SW006011	SW006011	C Compiler for PIC18XXXX Family	495.00
579-SW006012	SW006012	C Compiler for dsPIC30FXXXX Family	895.00

FAN SPEED CONTROLLER AND DIGITAL THERMOMETER DEMO BOARDS

MOUSER STOCK NO.	Microchip Part No.	Description	Price Each
579-TC642DEMO	TC642DEMO	Demo Board for TC642/646/647/648/649, Fan Speed Controllers	89.99
579-TC652DEMO	TC652DEMO	Demo Board for TC652/653, Fan Speed Controllers	49.99
579-TC74DEMO	TC74DEMO	Demo Board for TC74, Tiny Serial Digital Thermistor	49.99

MICROCHIP PLAB® ICE 2000 AND MPLAB® ICE 4000 EMULATOR SYSTEMS

MOUSER STOCK NO.	Microchip Part No.	Descriptions	Price Each
MPLAB ICE 2000/4000 Accessories			
579-ACICE0107	ACICE0107	2000 Flex Cable	55.00
579-ICE2000	ICE2000	2000 Universal Emulator Pod Kit	1,525.00
579-ICE4000	ICE4000	4000 Emulator Pod Kit	2560.00
Socket Modules			
579-AC004004	AC004004	ICSP Programming for PRO MATE II	349.99
579-AC164001	AC164001	PIC16C52, 54, HV540, 55, 56, 57, 58A, HCS5XX PDIP PRO MATE II 18 & 28 LD	159.99
579-AC164002	AC164002	PIC16C52, 54, HV540, 55, 56, 57, 58A, HCS5XX SOIC PRO MATE II 18 & 28 LD	159.99
579-AC164010	AC164010	PIC16C55X, 61, 62X, CE62X, F62X, 71, 71X, 83, 84 PDIP/SOIC PRO MATE II 18 LD	189.99
579-AC164012	AC164012	PIC16C62, 63, 64, 65, 66, 67, 642, 662, 72, 73, 74, 745, 76, 765, 77, 773, 774, F87X, 18CX2 PDIP PRO MATE II 28 & 40 LD (and "A" & "B" Versions)	159.99
579-AC164015	AC164015	PIC16C54, HV540, 55, 56, 57, 58 SSOP PRO MATE II 20 & 28 LD	209.99
579-AC164017	AC164017	PIC16C62, 63, 66, 642, 72, 73, 745, 76, 773, F870, 873, 876, 18C2X2 SOIC PRO MATE II 28 LD	159.99
579-AC164018	AC164018	PIC16C62X, CE62X, F62X, C71X, 770, 771, 554, 558 SSOP PRO MATE II 20 LD	159.99
579-AC164021	AC164021	PIC16C62, 63A, 72, 73B, 745, 773, F870 SSOP PRO MATE II 28 LD	189.99
579-AC164026	AC164026	PIC16F629, 675, PIC16C505, 51X, 50XA, PIC16F300, 676 SOIC/TSSOP (150 mil) PRO MATE II 8 & 14 LD	159.99
579-AC164301	AC164301	18L/28L/40L DIP for MPLAB PM3	189.99
579-AC164303	AC164303	64L TQFP for MPLAB PM3	364.78
579-AC164304	AC164304	80L TQFP for MPLAB PM3	189.99
579-AC164305	AC164305	44L TQFP for MPLAB PM3	189.99
579-AC164307	AC164307	28L SSOP for MPLAB PM3	189.99
579-AC164308	AC164308	68L PLCC for MPLAB PM3	189.99
579-AC164309	AC164309	44L PLCC for MPLAB PM3	189.99
579-AC164350	AC164350	PROMATE II to MPLAB PM3 Adapter	129.99
579-AC174002	AC174002	PIC17C42A, 44 PLCC PRO MATE II 44 LD	159.99
579-AC174007	AC174007	PIC17C75X, 18C68 PLCC PRO MATE II 68 LD	159.99
579-AC174008	AC174008	PIC17C75X, 18C68 TQFP PRO MATE II 64 LD	159.99
Header Interfaces			
579-AC162050	AC162050	(8 PDIP) for PIC12F629/675 ICD 2 (28/40 PDIP) for ICD and ICD	25.00
579-AC162051	AC162051	2 debuggers (14 PDIP) for PIC16F676/630 ICD 2	19.99
579-AC162052	AC162052	MPLAB ICD 2 for PIC16F627A, 628A, 648A (18 PDIP)	25.00
579-AC162053	AC162053	MPLAB ICD 2 for PIC16F684 (14 PDIP)	35.00
579-AC162055	AC162055	MPLAB ICD 2 for PIC16F688 (14 PDIP)	25.00
579-AC162056	AC162056	20 LD (209 mil SS) 20 LD Shrink	25.00
579-XL720SS1	XL720SS1	Small Outline Transition Socket	75.00
Transition Sockets			
579-XLT08SO	XLT08SO	8 LD (150 & 208 mil SOIC) Small Outline	35.00
579-XLT14SO	XLT14SO	14 LD (150 & 208 mil SOIC) Small Outline	144.00
579-XLT18SO	XLT18SO	18 LD (300 mil SOIC) Small Outline	175.00
579-XLT28QFN	XLT28QFN	28 LD QFN	75.00
579-XLT28SO	XLT28SO	28 LD (300 mil SOIC) Small Outline	75.00
579-XLT28SS	XLT28SS	28 LD (209 mil SSOP) Small Outline	175.00
579-XLT44L2	XLT44L2	44L PLCC ICE4000 DAF18-3 PIC18F452/442	240.00
579-XLT44PT	XLT44PT	44 LD Plastic Quad Flatpack (PQFP) and Thin Quad Flatpack (TQFP)	125.00
579-XLT64PT3	XLT64PT3	64 LD Plastic Thin Quad Flatpack (TQFP) (.8 mm pitch)	240.00
579-XLT80PT	XLT80PT	80 LD Plastic Thin Quad Flatpack (TQFP) for PIC18C801	240.00
579-XLT80PT2	XLT80PT2	80 LD Plastic Thin Quad Flatpack (TQFP) (.65 mm pitch)	240.00
Device Adapters, Adapter Plugs and Kits			
579-AC164031	AC164031	28L QFN to 28L DIP for PICSTART Plus & PROMATE II w/AC164012	159.99
579-DVA16PQ441	DVA16PQ441	PIC16C64A, 65A, 65B, 67, 662, 74A, 74B, 765, 77, 774, F871, F871A, 874, 877, PIC18CX2 PQFP and TQFP 44 LD	225.00
579-DVA16XP182	DVA16XP182	PIC16C712, 716 PDIP, SOIC, SSOP 18 LD	165.00
579-DVA16XP282	DVA16XP282	PIC16C62A, 63, 63A, 642, 66, 72, 72A, 73A, 73B, 745, 76, 773, F870, F87A, F872, F872A, 873, 876, PIC18CXX2 P, SO, and SS 28 LD	165.00
579-DVA16XP401	DVA16XP401	PIC16C64A, 65A, 65B, 67, 662, 74A, 74B, 765, 77, 774, F871, F871A, 874, 877, PIC18CX2 PDIP 40 LD	225.00
579-DVA18PQ440	DVA18PQ440	PIC18F4220, 4320 TQFP 44 LD	165.00
579-DVA18XP180	DVA18XP180	PIC18F1320, 1220, 16C717 PDIP 18 LD	165.00
579-DVA18XP280	DVA18XP280	PIC18F2220, 2320 PDIP 28LD	165.00
Processor Modules			
579-PCM16XK1	PCM16XK1	PIC16F87X w/ RTMR	445.00
579-PCM16XL0	PCM16XL0	PIC16C773, 774	445.00
579-PCM16XR1	PCM16XR1	PIC16F870, 871	445.00
579-PCM16YF0	PCM16YF0	PIC16F627A, 628A	445.00
579-PCM16YG0	PCM16YG0	PIC16F878	445.00
579-PCM18XJ0	PCM18XJ0	PIC18F1320, 1220	445.00
579-PMF30XA1	PMF30XA1	dsPIC30F ICE4000	595.00

