

MICROCHIP Demo Boards and Development Products



MCU / MPU

Microchip

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™ STARTER KITS AND DEMO BOARDS

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

MOUSER STOCK NO.	Microchip Part No.	Description	Price Each
579-DV164101	DV164101	PICKIT 1 8/14P Flash Starter Kit	36.00
579-DV164122	DV164122	PICKIT Serial Analyzer (with 28-Pin Demo Board)	49.99
579-DM1964120-1	DM164120-1	PICKIT Low Pin Count Demo Board	23.99
579-DM164120-2	DM164120-2	PICKIT 2 44-Pin Count Demo Board	23.99
579-DV164120	DV164120	PICKIT 2 Starter Kit	49.99
579-DV164121	DV164121	PICKIT 2 Debug Express	49.99
579-PG164120	PG164120	PICKIT 2 Microcontroller Programmer	34.99

DEMONSTRATION KITS

PicMicro				
579-DM163022	DM163022	PICDEM 2 Plus 'PIC16C62, 63, 64, 65, 66, 67, 72, 73, 74, 76, 77, 87X, 773, 774, 18CXX2, 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-DM163028	DM163028	PICDEM LCD Development Kit		125.00
579-DM163029	DM163029	PICDEM Mechatronics		149.00
579-DM183011	DM183011	PICDEM MC Demo Board		299.99
579-AC164104	AC164104	rPIC 315 Mhz Receiver		25.00
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	rPICkit 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

MOUSER STOCK NO.	Microchip Part No.	Description	Price Each
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

MOUSER STOCK NO.	Microchip Part No.	Description	Price Each
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-DV007004	DV007004	Production Programmer/Development Kit with built-in ICSP. Programs PICmicro & dsPIC30F devices.	895.00
579-DV243002	DV243002	SERIAL EEPROM Evaluation Kit for Windows	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 Thermal Sensor	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, HC55XX PDIP PRO MATE II 18 & 28 LD	159.99
579-AC164002	AC164002	PIC16C52, 54, HV540, 55, 56, 57, 58A, HC55XX 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, 18CXX2 PDIP PRO MATE II 28 & 40 LD (and "A" and "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	PIC12F629, 675, PIC16C505, 51X, 50XA, PIC16F630, 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	189.99
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, 43, 44 PLCC PRO MATE II 44 LD	159.99
579-AC174007	AC174007	PIC17C75X, 18C688 PLCC PRO MATE II 68 LD	159.99
579-AC174008	AC174008	PIC17C75X, 18C688 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 2 debuggers	25.00
579-AC162051	AC162051	(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 PIC16F627A, 628A, 648A (18 PDIP)	35.00
579-AC162055	AC162055	MPLAB ICD 2 for PIC16F684 (14 PDIP)	25.00
579-AC162056	AC162056	MPLAB ICD 2 for PIC16F688 (14 PDIP)	25.00
579-XLT20SS1	XLT20SS1	20 LD (209 mil SS) 20 LD Shrink Small Outline Transition Socket	75.00
Transition Sockets			
579-XLT08SO	XLT08SO	8 LD (150 & 208 mil SOIC) Small Outline	35.00
579-XLT14SO-1	XLT14SO-1	14 LD (150 & 208 mil SOIC) Small Outline	35.00
579-XLT18SO	XLT18SO	18 LD (300 mil SOIC) Small Outline	75.00
579-XLT28QFN	XLT28QFN	28 LD QFN	175.00
579-XLT28SO	XLT28SO	28 LD (300 mil SOIC) Small Outline	75.00
579-XLT28SS	XLT28SS	28 LD (209 mil SSOP) Small Outline	75.00
579-XLT44L2	XLT44L2	44L PLCC ICE4000 DAF18-3 PIC18F452/442	175.00
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)	125.00
579-XLT80PT	XLT80PT	80 LD Plastic Thin Quad Flatpack (TQFP) for PIC18C801	125.00
579-XLT80PT2	XLT80PT2	80 LD Plastic Thin Quad Flatpack (TQFP) (.65 mm pitch)	125.00
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, F871A, F871A, 874, 877, PIC18CXX2 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, F871A, F871A, 874, 877, PIC18CXX2 PDIP 40 LD	165.00
579-DVA18PQ440	DVA18PQ440	PIC18F4220, 4320 TQFP 44 LD	225.00
579-DVA18XP180	DVA18XP180	PIC18F1320, 1220, 16C717 PDIP 18 LD	165.00
579-DVA18XP280	DVA18XP280	PIC18F2220, 2320 PDIP 28 LD	165.00
Processor Modules			
579-PCM16XK1	PCM16XK1	PIC16F87X w/ RTMR	445.00
579-PCM18XJ0	PCM18XJ0	PIC18F1320, 1220	445.00
579-PMF30XA1	PMF30XA1	dsPIC30F ICE4000	595.00
579-PCM12XB0	PCM12XB0	PIC12F629, 675 Processor Module	445.00
579-PCM12XC0	PCM12XC0	PIC12F683 Processor Module	445.00
579-PCM16YD0	PCM16YD0	PIC16F630, 676 Processor Module	445.00
579-PCM16YH0	PCM16YH0	PIC16F777, 767, 747, 737 Processor Module	445.00
579-PCM16YL0	PCM16YL0	PIC16F688 Processor Module	445.00
579-PCM16YN0	PCM16YN0	PIC16F785 Processor Module	445.00
579-PCM16YP0	PCM16YP0	PIC16F913, 914, 916, 917 Processor Module	445.00
579-PCM16YQ0	PCM16YQ0	PIC16F685, 688, 689, 690 Processor Module	445.00