LEWMAX MODULAR SOCKET ADAPTER RANGE FOR THE PIC MICROCONTROLLER FAMILIES

The range of socket adapters from Lewmax Programming Limited is designed to fit any ZIF socket based programming platform and enhance these platforms to be able to program virtually the complete range of package styles available for the PIC microcontroller families.

The range is modular in design and requires a base board and an adapter board to program almost any of the PIC12, PIC16 and PIC18 families. The base board fits into the ZIF socket of the programmer. There are two base boards available: Lew901 and LEW902. The former covers all devices from 20 pins downwards, and the latter covers all devices from 28 pins upwards. These base boards have quality board to board IDC connectors for rapid and reliable connection of the desired device package adapter top board.

The top adapter boards are package type specific covering packages such as SO, TSSOP, SSOP, SN, SM, SL, PLCC, TQFP. All future package types will be supported on this platform as they are introduced and required by users.

All users of programming platforms such as Microchip's own ICD2, PICSTART PLUS, and Promate systems, plus specialist third party programmers such as BP Microsystems, DataIO, Stag, Dataman etc.. will find the adapter range an excellent low cost and reliable way to upgrade their system to program the full range of device package types the PIC micro comes in.

Pin 1 location is clearly indicated on both base and top boards for error free rapid insertion of devices.

LEW901

Base board for support of all package types of 20 pins or less. This board plugs into the ZIF socket of the programmer and the package adapter board then plugs into this.

LEW902

Base board for support of all package types of 28 pins or more. This board plugs into the ZIF socket of the programmer and the package adapter board then plugs into this.

LEW903

Device adapter board for 8 pin **SN** (narrow body SMT package) and 14 pin **SL** (narrow body SMT package). Uses LEW901 base board.

LEW904

Device adapter board for 8 pin **SM** (wide body SMT package). Uses LEW901 base board.

LEW905

Device adapter board for **18 pin SO package**. Uses LEW901 base board.

LEW906

Device adapter board for **28 pin SO package**. Uses LEW902 base board.

LEW907

Device adapter board for 44 pin PLCC package (**L Suffix**). Uses LEW902 base board.

LEW908

Device adapter board for 14 pin TSSOP package (**ST suffix**). Uses LEW901 base board.

LEW909

Device adapter board for 20 pin SSOP package (**SS suffix**). Uses LEW901 base board.

LEW910

Device adapter board for 28 pin SSOP package (**SS suffix**). Uses LEW902 base board.

LEW911

Device adapter board for 44 pin TQFP package (**PT suffix**). Uses LEW902 base board.