



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# MPAX PERSONALITY MODULE SELECTOR GUIDE FOR EPAX

Our large displays have various input options, determined by the installation of a MPAX personality module. These MPAX modules are based on standard PAX panel meters, and use the same data sheet as the PAX meter for specifications and wiring.

## About the MPAX Input Modules

The MPAX Module serves as the input to the EPAX Display. There are several different modules to cover a variety of inputs. The MPAX module provides input scaling which allows the EPAX to display most any engineering unit. Once the MPAX is inserted into the EPAX, the unit has the same functions and capabilities of our PAX Series Intelligent Panel Meters. A full set of PAX programming instructions will be included with the MPAX module.

## Selecting Your Display Components and Option Cards

To build a complete display unit, you will need an EPAX and an MPAX Input Module. The EPAX is only a display and will not operate without an MPAX module. Please use the following chart to identify the appropriate MPAX module and EPAX Display that will satisfy your application.

### MPAX Modules for EPAX5 (Analog units)

SIGNAL TYPE	MPAX MODULES*	EPAX DISPLAYS	OPTIONAL PLUG-IN CARD COMPATIBILITY		
	85-250 VAC		SETPOINT	COMMS	ANALOG
Universal DC Inputs	<a href="#">MPAXD000</a>	EPAX0500	YES	YES	YES
Process Inputs	<a href="#">MPAXP000</a>	EPAX0500	YES	YES	YES
Temperature Inputs	<a href="#">MPAXT000</a>	EPAX0500	YES	YES	YES
Strain Gage/Loadcell	<a href="#">MPAXS000</a>	EPAX0500	YES	YES	YES
True RMS AC Voltage/Current	<a href="#">MPAXH000</a>	EPAX0500	YES	YES	YES
Dual Process Inputs	<a href="#">MPAXDP00</a>	EPAX0500	YES	YES	YES

\* For detailed module and plug-in card specifications, see corresponding PAX literature.  
(i.e. For MPAXD specifications, see the PAXD literature)

MPAX modules for EPAX5 units work with [Crimson](#).

Clicking on any blue text in the above table will download the appropriate PAX panel meter data sheet for that MPAX module.

### MPAX Modules for EPAX6 (Digital units)

SIGNAL TYPE	MPAX MODULES*	EPAX DISPLAYS	OPTIONAL PLUG-IN CARD COMPATIBILITY			
	85-250 VAC		SETPOINT	COMMS	ANALOG	REAL-TIME CLOCK
Count/Rate/Serial Slave	<a href="#">MPAXI020</a> †	EPAX0600	YES	YES	YES	-
Count	<a href="#">MPAXC020</a>	EPAX0600	YES	-	-	-
Rate	<a href="#">MPAXR020</a>	EPAX0600	YES	-	-	-
Real-Time Clock/Timer	<a href="#">MPAXCK00</a> ††	EPAX0600	YES	YES	-	YES
Timer	<a href="#">MPAXTM00</a> ††	EPAX0600	YES	YES	-	-

\* For detailed module and plug-in card specifications, see corresponding PAX literature.  
(i.e. For MPAXI specifications, see the PAXI literature)

† MPAXI works with [Crimson](#).

†† MPAXCK00 and MPAXTM00 work with [RLCPro](#).

Clicking on any blue text in the above table will download the appropriate PAX panel meter data sheet for that MPAX module.