

PLCDK-P13-01 SPECIFICATIONS

P-Series PLC on a Chip® Module

PLCMOD-P13-512210	
System Capacity	
Flash Memory	256K Bytes
EEPROM Memory	3500Bytes
RAM Memory	32K Bytes
Power Supply	3.3VDC
Real Time Clock	Yes
Package Type	PCB
Size	3.625" x 3.125" x 1.00"
Temperature Range	- 40 to 85 Degrees C
Communications*	
Serial Ports	1 TTL Programming Port 4 TTL Multipurpose Ports
ASCII / RTU Communications	Yes
Modbus Master / Slave	Yes
Serial Ports Baud Rate	up to 115200 Bps
CAN Ports	Up to 2, OptiCAN, J1939, NMEA 2000
Ethernet Port	Yes. Program or Modbus TCP
SD Card Port	Mico SD Card Socket
Input / Output*	
SPI Serial Interface Port	2, TTL Level
I ² C Bus	3, TTL Level
A/D Inputs	8 Channels, 0-3.3VDC, 12 Bit
A/D Outputs	1 Channel, 0-3.3VDC, 10 Bit
PWM Outputs	12 Channels, 32 Bit (TTL)
Counter / Timer Inputs	3 Inputs, 32 Bit (TTL)
Quadrature Inputs	1 Input, A, B, Index (TTL)
LCD Port	Yes (TTL)
Keypad Port	5 Row / 4 Column Matrix
Digital I/O	Up to 143 Digital I/O Points

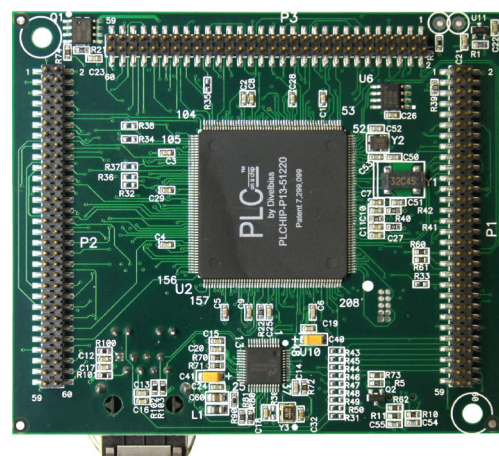
Development Kit Main Board

BM-1070401-02	
Input Power	12VAC or 12 VDC
Program Port	RS232
Watchdog LED	Yes
Serial Port Module Slots	3
Power Supplies	+5VDC, +3.3VDC, 12VDC
Other Connections	P4 - P6, 60 Pin Solder Pads
Circuit Area	2.25" x 3.0" Solderable Pads
Size with I/O Modules	9.85" x 8.28" x 1.7"
Mounting	Rubber Feet / Screw Hole

BM-1070401-02



PLCMOD-P13-512210



*All quantities show are maximum available each category. As pins share functions, not all features may be available. Consult the PLC on a Chip Module Datasheet for details.

Optional Accessories

PLCDK-RS232	Serial Port Module, RS232
PLCDK-RS422	Serial Port Module, RS422
PLCDK-RS485	Serial Port Module, RS485

NOTE: Specifications are subject to change without notice.