



P160 Prototype Module

Product Brief

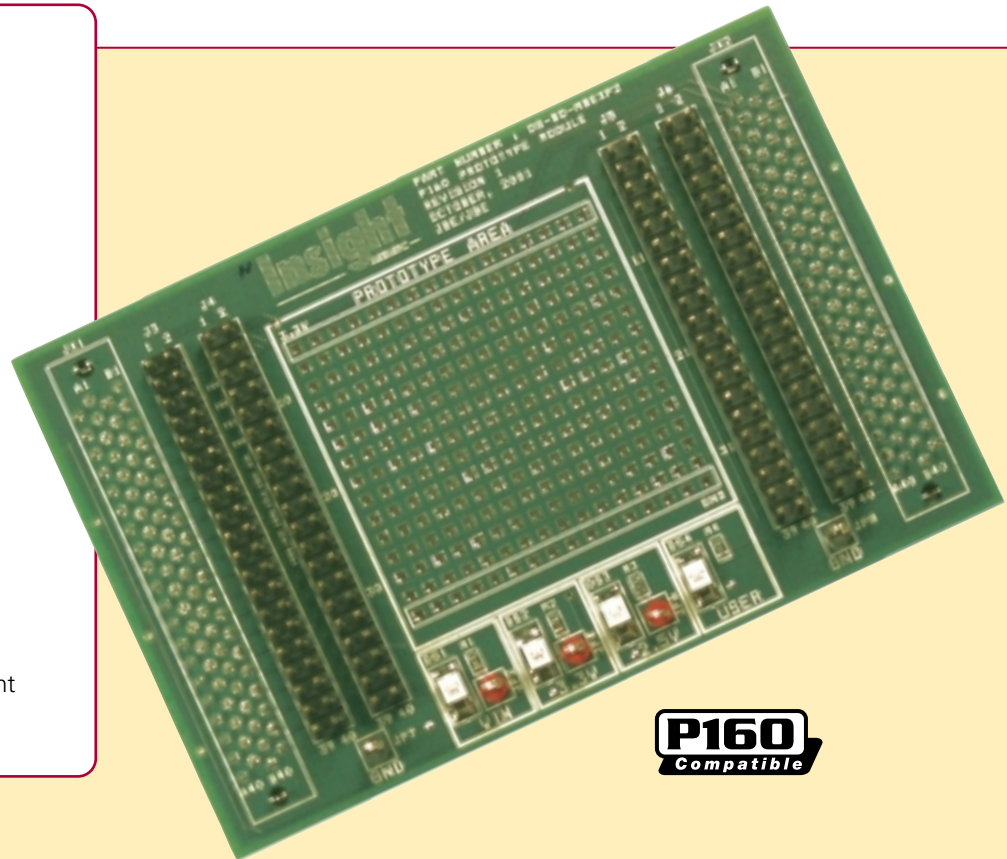
The Memec Design P160 Prototype Module is the perfect solution for designers who need access to the FPGA I/O by way of the P160 standard interface.

Features

- Four 2 x 20 headers
- 110 user I/O access
- .1" spaced prototype area
- User programmable LED
- Power LED indicators
- P160 standard interface
- Low cost and versatile

Applications

- General purpose development



Product Description

The Memec Design P160 Prototype Module provides a useful combination of user I/O connectors and prototype area in a small, low cost daughter card form-factor, compatible with any main system board that contains the P160 expansion interface. Memec Design system boards support the Xilinx Spartan™-II, Spartan™-IIE, Virtex™-II, and Virtex-II Pro™ families, include the P160 interface, and can support the Prototype Module. The Module enables designers to implement and test FPGA-based applications that require easy access to the FPGA user I/O. The

prototype area also facilitates the addition of custom interface circuits within the .1" holed prototype area.

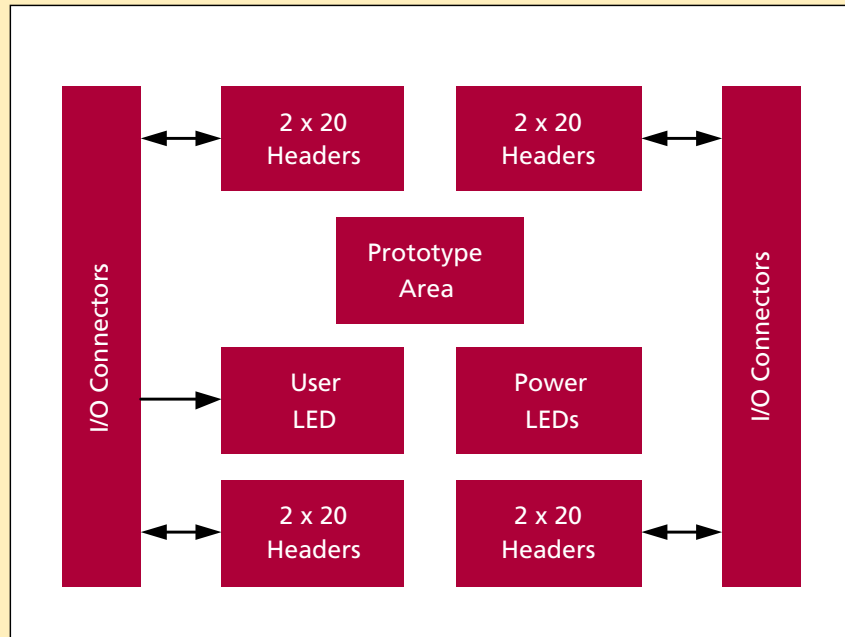
The P160 Prototype Module includes four 2 x 20, .1" spaced headers. Two of the headers include 19 FPGA I/O signals and two include 36 FPGA I/O signals, for a total of 110 users I/Os available. Power indicator LEDs are provided for Vin, 2.5 V, and 3.3 V. A single user LED is also available and programmable by way of an FPGA user I/O.

The Memec Design P160 Prototype Module is a useful add-on for any FPGA application. The module enables easy expandability to any of the P160-enabled FPGA system boards, and can help designers quickly and effectively meet time-to-market requirements.



P160 Prototype Module Kit Includes:

- P160 Prototype Module
 - Four 2 x 20 headers
 - 110 user I/O access
 - .1" spaced prototype area
 - User programmable LED
 - Power LED indicators
 - P160 standard interface
- Module documentation



Ordering Information

| | Americas Part # | International Part # |
|----------------------------------|--------------------|-------------------------|
| P160 Prototype Module Kit | | |
| P160 Prototype Module Kit | DS-KIT-P160-PROTO1 | DS-KIT-P160-PROTO1-EURO |