



Product Brief : PJS-UM15M7 Carrier Board



The PJS-UM15M7-EVAL supports the UM15M7 (SOM), providing easy access to the full user I/O available. The carrier board is powered by external 12V DC and generates the necessary power rails for UM15M7 and all peripherals.

The UM15M7-EVAL speeds prototype and evaluation of UM15M7 and provides an excellent starting point for creating your own UM15M7 carrier board. The board offers a good mix of features and allows projects with lower volume to save considerable development time by using this general carrier board.

Kit Includes:

- I/O Carrier Board,
- 12 VDC @ 2A Universal AC/DC,
- Getting Started Card,

Features

- Two 80-pin board to board Micro-Headers
- 20-pin JTAG header for download/debug
- 7" LVDS display (800 x 480 px)
- Resistive Touch Controller
- 10/100 Mbps Ethernet Interface
- USB 2.0 OTG Interface
- uSD Card Interface
- Configurable RS232 / RS485
- CAN Interface
- Five Digilent Pmod compatible interfaces
- Arduino Interface
- On-Board OLED display
- On-Board Expansion I/O
- Reset push button
- User LED

Power

- Internal 5VDC @ 2A Regulator for peripheral
- Internal 3.3VDC @ 2A Regulator for UM15M7 peripheral
- External 12VDC Jack Input

Target Applications

- Industrial applications like factory, process and building automation
- Test and measurement equipment
- Embedded system-on-module (SOM) applications

PJS UM15M7 EVAL Block Diagram

