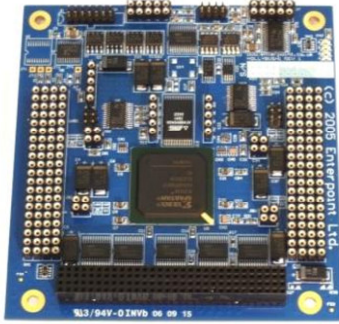


Hollybush1



SPARTAN^(TM) -3 DEVELOPMENT + OEM BOARD

Fitted with a Xilinx^(TM) Spartan^(TM) -3 FPGA of up to XC3S2000 Hollybush1 offers a versatile PC104+ solution with CAN Bus, RS232, RS485 and Microprocessor support. Expansion boards further enhance the features and functions of the board to support DSP, 3.125Gbit/s Serial and other advanced functions without using another PC104+ stack position.

Standard Features

- PC104+ support (3.3V/5V, 32Bit, 33Mhz)
- 4 RS485 Channels (can expand to 20 channels_
- 1 RS232 (can expand to 10 channels)
- 2 CAN Bus Transceivers (can expand to 20)
- 4 Independent LEDs
- Simple 2.54mm DIL Expansion Headers
- 16KBit EEPROM
- 4Mbit Flash Memory
- On-Board temperature Sensor
- 1 x LVDS Oscillator Module Socket for high speed clocks.
- Selectable I/O voltages 3.3V or 2.5V on 4 FPGA banks. Others are 3.3V
- User selectable DCI impedance matching available on 4 banks.
- User Power Rail – 1 Amp resistor set to between 1.22V to 4.3V

OEM and custom derivative products available on fast turn around

Price from GBP £150

Full technical details of this product and user manual are available on our website at <http://www.enterpoint.co.uk/moelbryn/hollybush1.html>