

Industrial Computing

Products and Services

Panel PC's



Industrial PC's



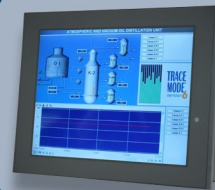
SBC's



Electronic Design



Industrial Displays



Embedding the future



Why Choose DSL?

- ✓ Lifetime technical support
- ✓ Fully customisable products
- ✓ Product branding (bezel colours + company logos)
- ✓ Free pre-installation of OS and your software



Our Services

- ✓ Electronic Design
- ✓ Production Management
- ✓ Assembly and test
- ✓ Bespoke BIOS creation



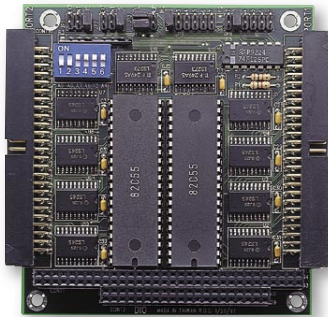
sales@dsl-ltd.co.uk

or call us on +44 (0)1462 675530



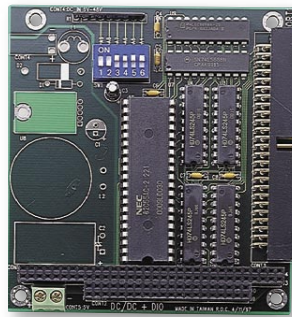
ICOP-0101

48-bit Digital I/O Module



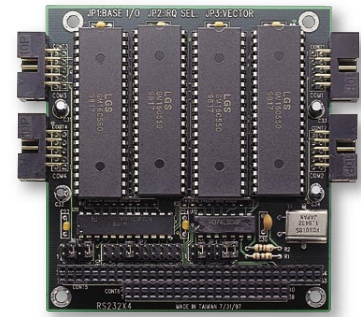
ICOP-0102

24-bit Digital I/O Module



ICOP-1800

Multi RS-232C Module



1
Mity/Tiny Module

2
PC/104 Module

3
3.5"/ATX Module

4
Half-Size Module

5
Peripheral Module

6
Accessories

Features

48-bit digital I/O lines (2 groups)
 Group emulates 8225 PPI mode 0
 Buffered circuits for higher driving capacity than 8255
 Bit 0 of port C can generate an interrupt to IRQ 2, 3, 4, 5, 6 or 7
 Interrupt trigger on rising/falling edge
 Output status read back
 Pin compatible with OPT
 0-22 I/O module racks
 Transfer rate: 300 KB/sec. (typical)
 Digital output: Logic level 0: 0.5V max. @24mA
 Logic level 1: 2.0V min. @15mA
 Digital input: Logic level 0: 0.8V max.
 Logic level 1: 2.0V min.

Bus	PC/104 standard compliant
Connectors	2.54mm 50-pin box header for I/O port x2
Power Requirement	Single Voltage +5V @600mA
Weight	95g
Board Size	90 x 96mm (3.54 x 3.77 inches)
Operating Temperature	-20°C ~ +60°C

Packing List:

- ICOP-0101 x1
- Screw Kit x1

Features

24-bit digital I/O lines (1 group)
 Group emulates 8225 PPI mode 0
 Buffered circuits for higher driving capacity than 8255
 Interrupt trigger on rising/falling edge
 Output status read back
 Pin compatible with OPT 0-22 I/O module racks
 Transfer rate: 300 KB/sec. (typical)
 Digital output: Logic level 0: 0.5V max. @24mA sink
 Logic level 1: 2.0V min. @15mA
 Digital input: Logic level 0: 0.8V max.
 Logic level 1: 2.0V min

Bus	PC/104 standard compliant
Connectors	2.54mm 50-pin box header for I/O port x1
Power Requirement	Single Voltage +5V @600mA
Weight	76g
Board Size	90 x 96mm (3.54 x 3.77 inches)
Operating Temperature	0°C ~ +55°C

Packing List:

- ICOP-0102 x1
- Screw Kit x1

Specifications

Chipset	UART 16C550 x4 RS-232 asynchronous port x4 Supports: TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND Interrupt select: 2, 3, 4, 5, 7 RS-232 modem control signals I/O address: 100h to 300h Baud rate: up to 115.2Kbps
Bus	PC/104 standard compliant
Connectors	2.54mm 10-pin box header for RS-232 x4
Power Requirement	Single +5V @ 200mA
Weight	100g
Board Size	90 x 96mm (3.54 x 3.77 inches)
Operating Temperature	-20°C ~ +55°C

Packing List:

- ICOP-1800 x1
- Cable RS-232 x4
- Screw Kit x1