

FlexCom104-GPS

PC/104 GPS and Communications Module



features

- Supports up to two 5V Multi-Tech SocketModem
- 16-Channel ANTARIS 4 GPS
- One RS-232 serial Port
- Selectable I/O Address and IRQ
- Extended temperature: -40°C to +85°C
- PC/104 Compliant
- RoHS compliant

description

The FlexCom104-GPS is a PC/104 communications platform capable of supporting up to two Multi-Tech Universal Socket compatible devices. Embedded in the FlexCom104-GPS is a quad UART (ST16C554DIQ64) to provide communications to the two Universal Sockets, a mounting point for the FV-4H GPS and an additional serial port. The ST16C554DIQ64 is an enhanced quad UART with 16 byte FIFOs on both transmit and receive.

GENERAL

RS-232 Serial Ports	2
Duplex RS-232	Full
UART	ST16C554DIQ64
FIFOs	16 bytes
Ports	4
Supplied oscillator freq.	14.7456MHz

COMMUNICATION MODULES

Manufacturer	Multi-Tech Systems, Inc
Sockets	2, Universal Sockets
Voltage	5V
Types	GSM/GPRS CDMA EDGE CELL Wi-Fi® (802.11b) Bluetooth®

GPS

Manufacturer	San Jose Navigation
Receiver	FV-4H
Channels	16 channel, ANTARIS 4
Connector	SMA, Female
Status	LED GPS 1 PPS (pulse per second)

MECHANICAL/ENVIRONMENTAL

Dimensions (W x L X H)	3.55" x 3.75" x 0.60"
Mounting	PC/104
Weight	43.5 grams
Operating Temperature	-40°C to +85°C*
Relative Humidity	5% to 95% (non-condensing)

*Operating temperature for Multitech modules may vary

Ordering Information



this product is
manufactured by:



Part Number

FlexCom104-GPS

Description

Flexible communications platform with 16-channel GPS receiver

Tel: 604.945.9565 ~ Fax: 604.945.9566 ~ www.tri-m.com
1407 Kebet Way, Unit 100 ~ Port Coquitlam ~ BC ~ V3C 6L3~ Canada

