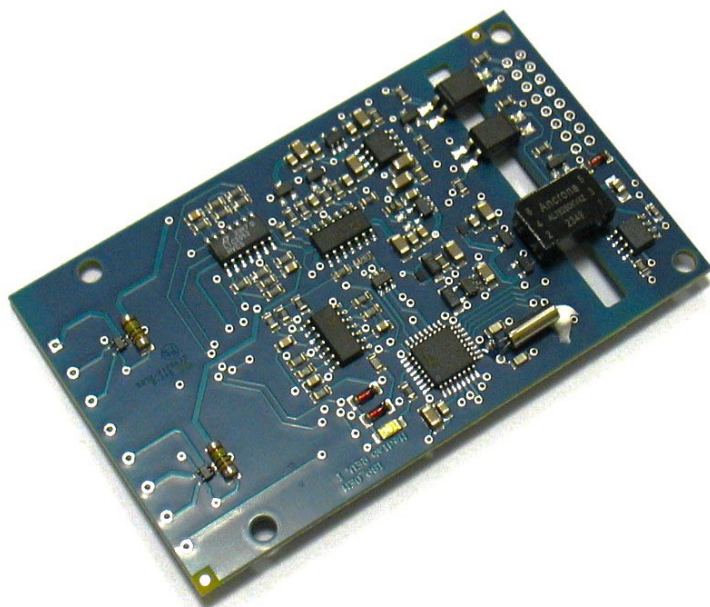


EG02000

Invasive Blood Pressure Module



IBP

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- Two channels
- Works with standard pressure transducers of 5 $\mu\text{V/V/mmHg}$ (minimum bridge resistance 180 Ohms)
- Simulation mode built-in for easy integration into user system
- Waveform transmission speed selectable (50, 100 and 150 Hz)
- Displays static pressures and waveforms
- Integrated pulse rate detection: 30 bpm - 250 bpm
- Automatic detection of systolic, mean, and diastolic blood pressure
- Measuring range -99 mmHg to +310 mmHg (+/- 1 % accuracy)
- In addition, zero level can be shifted by +/- 70 mmHg
- Zeroing commands built-in - independently for both channels
- Transmission of pulse rate, systolic-, mean-, and diastolic pressure
- Status messages and commands sent over the serial interface
- Lifetime calibration
- Can be used in IEC 60601-2-34 compliant devices (see documentation)
- Defibrillation protection and 4000 V RMS patient isolation built-in
- Small size: 88 x 53 mm, maximum thickness 10 mm
- Power supply: 5 Volt, one supply voltage only
- Power consumption < 350 mW plus transducer power



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