EG00352

Pulse Oximeter OEM PCB

Made in Germany
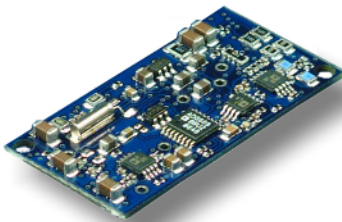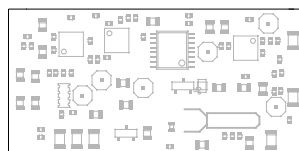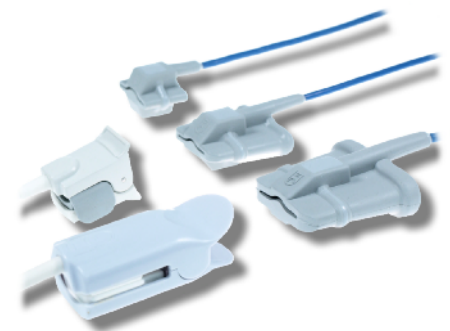
SpO$_2$

oem.medlab-gmbh.de

- Advanced 32-Bit processor technology with fourth generation algorithm, recommended for infants and adults
- Small size (40 x 20 mm), maximum height 6 mm
- Lock-in based signal recovery down to a pulsation of 0.05 % (AC / DC ratio)
- Ultra low noise design for highest performance on centralized patients
- Greatly improved suppression of ambient light and electromagnetic disturbances
- Easily integrable into handheld and desktop devices.
- Single power supply (3.3V DC), 50 mW
- TTL level serial asynchronous interface
- Transmission of SpO$_2$, pulse rate, plethysmographic waveform, "quality"–signal, and status information
- High flexibility in interface protocols
- Measurement of pulse rate between 30 – 250 bpm
- Measurement of SpO$_2$ between 0 and 100 %.
- Complete line of probes available
- Complies with ISO 9919:2005

Original Size

medlab

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