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PulseTact System



Medical researchers and product developers have long desired a simple, non-invasive means of capturing high-fidelity pulse waveform data without worrying about precisely positioning a sensor. The simplest solution would be to just press a probe against the skin similar to how we measure the pulse with our fingers. With PPS technology, that simple solution is now a reality.

PPS's "PulseTact" pulse waveform solution uses our DigiTacts technology, featuring digital output in an embeddable design suitable for mass production.

PPS can custom develop pulse sensing for your application with a variety of sensor layouts and probe designs, and you can use our API to integrate pulse measurement into your system for product development.

The PulseTact System includes:

- 2 un-mounted pulse sensor probes
- D600 sensor interface module with USB or optional Bluetooth wireless connectivity
- Chameleon TVR software for collecting and displaying pulse waveform
- All necessary cables
- API and documentation for software development

Specifications:	Sample Sensor Data:
Array Size	10mm × 7.5mm (4×3 grid)
Element Size	2.5mm × 2.5mm
Thickness	~ 0.5 mm
Full Scale Range:	300 mm Hg (40 kPa)
Sensitivity (1 sigma)	0.5 mm Hg (.07 kPa)
Scan Rate:	100 Hz
Temperature Range:	-20 to +100 C
Power	USB bus power or Rechargeable Li
Interface:	USB 2.0 or Bluetooth Wireless
	