



# MAX301

## MAX30100 Pluse Oximeter Heart Rate-Sensor



- Optical sensor: IR and red LED combined with a photodetector
- Measures absorbance of pulsing blood
- I2C interface plus INT pin
- 3.3V power supply complete pulse oximeter and heart rate sensor solution, simplifies design, integrated LEDs, photo sensor, and high-performance analog front
- Ultra low power operation increases battery life for wearable devices