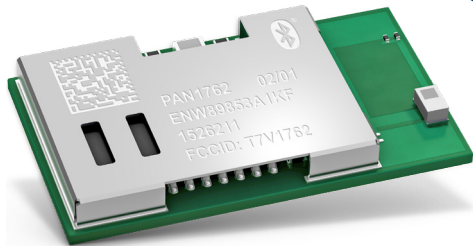


# PAN1762

## Bluetooth® 5.0 Low Energy Module

**Panasonic**  
INDUSTRY



### Long Range and High Throughput

The PAN1762 is a Bluetooth® 5.0 Low Energy Module based on the Toshiba TC35680 single-chip controller. The new LE advertising extensions allow for much larger amounts of data to be broadcast in connectionless scenarios and are therefore favorable for beacon applications. The Industry Leading Link Budget of 113dBm results in up to 3km range. Additionally, various sleep modes can be used to minimize power consumption and prolong battery life time.

### Key Features

- Featuring Toshiba TC35680
- ARM® Cortex®-M0, 51kB RAM and 128kB flash memory
- All BLE5.0 features
- LE 2Mbps high-speed / long range
- Flexible usage with Host mode, Stand-alone mode or AT-command mode
- SMT Size: 15.6mm x 8.7mm x 1.9mm
- Temperature range: -40°C to 85°C
- Voltage range: 1.9V to 3.6V
- 11mA Tx (8dBm) / 5.1mA Rx (1Mbps)



#### Industrial IoT

- Smart City / Agriculture
- Industrial Mesh Network
- Industry 4.0



#### Smart Home/Building

- Smart Lighting Systems
- Building Automation



#### Beacons

- Asset Tracking
- Digital Fleet Management

**TOSHIBA**



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