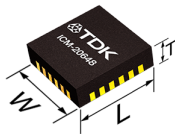




| | |
|--------------|--|
| Applications | Commercial Grade |
| | EIS |
| | Wearable |
| Market | IoT |
| | Gyroscope |
| | Accelerometer |
| Axis | 6-Axis |
| Features | DMP (Digital Motion Processor) |
| Series | ICM |
| Status | Production |
| Comments | DMP-Enabled 6-Axis Integrated Solution |



| Size | |
|--------------|----------------|
| Length(L) | 3.00mm ±0.10mm |
| Width(W) | 3.00mm ±0.10mm |
| Thickness(T) | 0.90mm ±0.05mm |

| Electrical Characteristics | |
|-----------------------------------|--------------------|
| Digital Output | I ² C |
| | SPI |
| VDD Power Supply / V | 1.71 to 3.6 |
| VDDIO I/O Power Supply / V | 1.71 to 3.6 |
| Gyro FSR | ±250/500/1000/2000 |
| Gyro Sensitivity Error | ±1.5% |
| Gyro Rate Noise | 0.015dps/√Hz |
| Accel FSR | ±2/4/8/16 |
| Accel Sensitivity Error | ±0.5% |
| Accel Noise | 230μg/√Hz |
| Compass FSR | |
| Pressure Sensor Relative Accuracy | |
| Pressure Sensor Noise | |

| Other | |
|-----------------------------|--|
| Operating Temperature Range | -40 to 85°C |
| AEC-Q100 | No |
| Packing | Embossed (Plastic)Taping [330mm Reel, Tape width 12mm] |
| Package Quantity | 5000pcs |
| Weight | 0.14g |

! Images are for reference only and show exemplary products.
! This document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.