



# M6050

## MPU-6050 GY-521 3Axis Accelerometer+Gyroscope



- Chip built-in 16bit AD converter, 16-bit data output.
- I2C Digital-output of 6 or 9-axis MotionFusion data in rotation matrix, quaternion, Euler Angle, or raw data format.
- Selectable Solder Jumpers on CLK, FSYNC, and ADO.
- Digital Motion Processing™ (DMP™) engine offloads complex MotionFusion, sensor timing synchronization, and gesture detection.
- Embedded algorithms for run-time bias and compass calibration. No user intervention required.
- Digital-output temperature sensor.