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AMR 3D Magnetometer















Mobile & Tablets



Automotive Infotainment



Drone

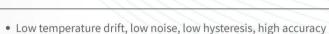






• Mature process, stable and reliable performance MMC3630KJ • Low noise, strong anti-interference ability

• Package size: 1.2×1.2×0.5mm



MMC5983MA • High reliability, good stability, strong anti-interference ability

MMC3416xPJ • MMC5983MA is AEC-Q100 Grade 2 certified

• MMC3416xPJ has ultra-low power consumption, support up to 8 I²C addresses









Ultra Small Package Size **Multiple Package Types**









Accurate Switch Control Multiple Package Types





- Omni polar and dual output, ultra-low power consumption, high sensitivity
- Package size: DFN 4 1.0×1.4×0.37mm



- Unipolar and single output, ultra-low power consumption, high sensitivity
- Package size: SOT23-3L 2.9×1.6×1.1mm
- Unipolar and single output, ultra-low power consumption, high sensitivity Package size: SOT23-3L 2.9×1.2×0.55mm





MHA160N/S

- Unipolar and single output, ultra-low power consumption, high sensitivity
- Package size: SOT23-3L 2.9×1.2×1.1mm





Capacitive Accelerometer & 6-Axis IMU



Low Power Consumption



Ultra Small Package Size



Multiple Functions & Algorithm Support









MC3416

- 16-bit high resolution, support I²C communication mode
- · Low noise, low offset, low temperature drift
- Package size: LGA-12 2×2×0.95mm



- 16-bit high resolution, support I²C/SPI communication mode, with FIFO cache
- Low noise, low offset, low temperature drift
- Package size: LGA-12 2×2×0.95mm



- 14-bit resolution, support I²C/SPI communication mode, with FIFO cache
- Ultra-low power consumption, supports a variety of low-power modes
- Package size: LGA-12 2×2×0.95mm
 - MC3635 Package size: LGA-10 1.6×1.6×0.94mm
- MC3672
- 14-bit resolution, support I²C/SPI communication mode, with FIFO cache • Ultra-small size, ultra-low power consumption, support a variety of low power modes
- Package size: CSP-8 1.29×1.08×0.74mm



MXC3500AL

- 16-bit resolution, support I²C/SPI communication mode
- 1.5KB ultra-large FIFO cache, multiple low power modes • Single/double/triple tap break, step counter
- Package size: LGA-12 2×2×0.73mm



- 16-bit high resolution, 3KB FIFO, support I²C/I3C/SPI communication mode, up to
- Gyro 0-rate offset +/-3%, offset over temperature +/-0.05dps/C, sensitivity error +/-1%
- Package size: LGA 2.5×3×0.83mm





Integration







Ultra-Small Size













MXC6655XA

- 3-axis monolithic integration, wafer level package, ultra-small size, stable performance, low failure rate
- MXC4005XC Used in consumer electronic devices such as mobile phones and tablets
 - MXC4005XC Package size: 1.2×1.7×0.95mm
 - MMC5566XA Package size: 2×2×1mm



• 2-axis monolithic integration, the temperature compensations for the offset and sensitivity are done respectively, can be mounted flat or vertically, flexible installation Analog output, MXR7999VW has +/- 2g range and 1000mV/g sensitivity

- MXR7150VW has +/-13.3g range and 150mV/g sensitivity
- AEC-Q100 Grade 1 certified, widely used in active suspension, ESC and EPB systems
- Package size: 5.5×5.5×2.7mm



- Good consistency of offset and sensitivity, easy for temperature compensations
- MXD2020EL has +/- 1g range and 0.2mg/ SQRT (Hz) noise

- MXD6235Q has +/- 1.5g range and 0.13mg/ SQRT (Hz) noise
- Used in level gauge, home appliance and other industrial applications
- Package size: 5.5×5.5×2mm



• 2-axis, the temperature compensations for the offset and sensitivity are done respectively, can be mounted flat or vertically, flexible installation.

- SPI digital output, range +/- 5G, sensitivity 800LSB/g AEC-Q100 Grade 2 certified, used in automotive ESC and EPB systems.
- Package size: 5.5×5.5×2.7mm





