



Magnetic Sensor Components

MEMSIC's magnetic sensor components utilize AMR technology to deliver low noise and high performance in ultra-small IC packages.

| Part Number | Axes | FSR (+/- G) | Interface | Sensitivity | Noise (mG rms) | Supply Voltage (V) | Supply Current (mA @ 7cps) | Sleep Mode | Size (mm) | Automotive Qualified | S/R Offset Nuling | Price (1k) | |
|----------------|------|-------------|-----------|-------------|----------------|--------------------|----------------------------|------------|-----------|----------------------|-------------------|------------|--------|
| [+] MMC246xMT | 2 | 6 | I2C | 4096 c/G | 0.8 | 1.62 - 3.6 | 0.05 | Y | 2 x 2 | C.F. | Y | \$1.65 | + more |
| [+] MMC328xMA | 3 | 8 | I2C | 512 c/G | 1 | 1.62 - 3.6 | 0.3 | Y | 2 x 2 | | | \$0.85 | + more |
| [+] MMC3316xMT | 3 | 16 | I2C | 512 c/G | 2 | 1.62 - 3.6 | 0.1 | Y | 2 x 2 | C.F. | Y | \$2.25 | + more |
| [+] MMC3416xPJ | 3 | 16 | I2C | 2048 c/G | 1.5 | 1.62 - 3.6 | 0.14 | Y | 1.6 x 1.6 | | Y | \$1.75 | + more |
| [+] MMC35240PJ | 3 | 24 | I2C | 1024 c/G | 2 | 1.62-1.98 | 0.16 | Y | 1.6x1.6 | | Y | \$1.40 | + more |
| [+] MMC3530KJ | 3 | 30 | I2C | 1024 c/G | 2 | 1.62 - 1.98 | 0.16 | Y | 1.4x1.4 | | Y | \$1.20 | + more |
| [+] MMC3630KJ | 3 | 30 | I2C | 1024 c/G | 2 | 1.62-3.6 | 0.32 | Y | 1.2x1.2 | | Y | \$1.00 | + more |
| [+] MMC5883MA | 3 | 8 | I2C | 4096 c/G | 0.8 | 1.62 - 3.6 | 0.1 | | 3 x 3 | | T | Call | + more |



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