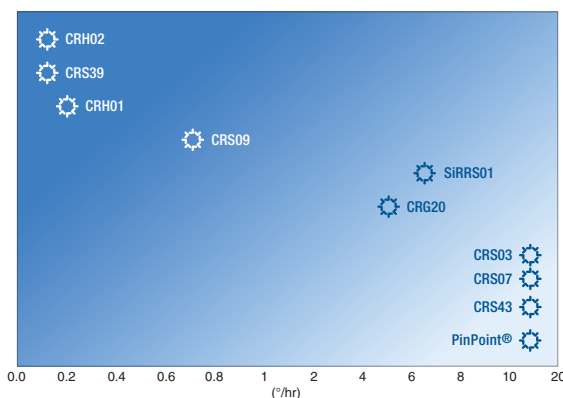


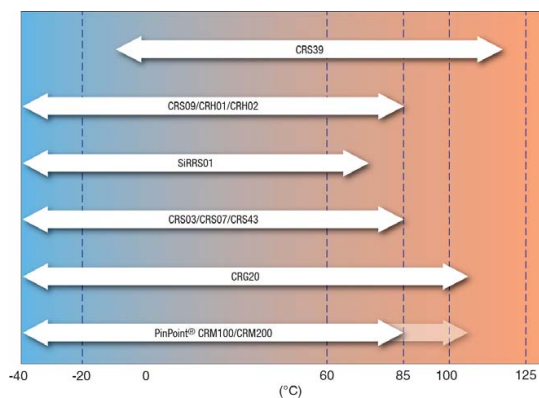


| | PinPoint® | CRG20 | CRS43 | CRS03 | CRS07 | SiRRS01 | CRS09 | CRS39 | CRH01 | CRH02 |
|-----------------------------------|--|--|----------------------------------|--|---------------------------------------|--|--|-----------------------------------|--|--|
| Part Numbers Available | CRM100 CRM120 CRM200 CRM202 | CRG20-01 CRG20-02 CRG20-12 CRG20-22 | CRS43-01 CRS43-02 CRS43-04 | CRS03-01S CRS03-02S CRS03-04S CRS03-11S | CRS07-02S CRS07-11S CRS07-13S | RRS01-01 RRS01-03 RRS01-05 RRS01-07 RRS01-09 | CRS09-01 CRS09-02 CRS09-11 CRS09-12 | CRS39-01 CRS39-02 CRS39-03 | CRH01-025 CRH01-100 CRH01-200 CRH01-400 | CRH02-025 CRH02-100 CRH02-200 CRH02-400 |
| Status | In Production (Recommended for New Applications) | | | In Production | In Production | In Production | In Production (Recommended for New Applications) | | | |
| Alternative | - | - | - | CRS43 | CRS43 | CRS09 CRS39 | CRH01 CRH02 | - | - | - |
| Dynamic Range | ±75°/s to ±1,000°/s | ±75°/s to ±300°/s | ±100°/s to ±200°/s | ±80°/s to ±573°/s | ±100°/s to ±573°/s | ±50°/s to ±1,500°/s | ±100°/s to ±200°/s | ±25°/s | ±25°/s to ±400°/s | ±25°/s to ±400°/s |
| Supply Voltage (Vdd) | 3.3V | 5.0V | 5.0V | 5.0V | 5.0V | ±5.0V | 5.0V | 5.0V | 5.0V | 5.0V |
| Bias Instability (Typical) | 14°/hr | 5°/hr | <14°/hr | 14°/hr (100°/s) | 14°/hr (100°/s) | 5°/hr (110°/s) | 0.7°/hr (100°/s) | <0.2°/hr | 0.2°/hr (25°/s) | <0.12°/hr |
| Bias Variation with Temp | ±3°/s | ±2.5°/s | ±3°/s, ±6°/s | ±3°/s (100°/s) ±28.65°/s (573°/s) | ±3°/s (100°/s) ±28.65°/s (573°/s) | ±3°/s | ±1°/s, ±3°/s | ±0.14°/s | ±0.2°/s | ±0.1°/s |
| In-Band Quiescent Noise | 0.18°/s rms (100Hz) | 0.80°/s rms | <0.18/s, (100°/s) | 0.28°/s rms (100°/s) | 0.28°/s rms (100°/s) | 0.35°/s rms (110°/s) | 0.03°/s rms | 0.03°/s rms | 0.20°/s | 0.15°/s |
| Bandwidth (Gain -3dB) | 5Hz to 160Hz User Selectable | 40Hz, 75Hz, 90Hz | 24Hz | 10Hz, 30Hz | 10Hz, 30Hz | 50Hz | 55Hz | 25Hz | 150Hz | 30Hz, 100Hz |
| Operating Temp | -40°C to +105°C | -40°C to +105°C | -40°C to +85°C | -40°C to +85°C | -40°C to +85°C | -40°C to +75°C | -40°C to +85°C | -10°C to +110°C | -40°C to +85°C | -40°C to +85°C |
| Current Consumption | 4mA | 60mA | 26mA | 35mA | 35mA | 50mA | 100mA | 80mA | 60mA | 60mA |
| Dimensions (mm) | 5.7 x 4.8 x 1.2 (CRM100) 6.3 x 5.5 x 2.7 (CRM200) | 9 x 9.5 x 3.44 | 29 x 29 x 18.4 | 29 x 29 x 18.4 27 x 27 x 10.6 | 24.2 x 24.5 x 18.3 21 x 22 x 13.15 | 31.8 x 31.8 x 17.7 | 63 x 63 x 19 | 75 x 24.5 x 19 100 x 27 x 22.4 | 33 x 33 x 25 | 33 x 33 x 25 |
| Interface | Analogue, Digital, SPI® | Analogue, Digital, SPI® | Analogue | Analogue | Analogue | Analogue | Analogue | Analogue | Analogue | Analogue |
| Configurations | SMD In-plane & Orthogonal | SMD | Module Case Unsealed | Module Case Unsealed & OEM | Module Case Unsealed & OEM | Module Case Unsealed | Module Case Unsealed | Module Case Unsealed & OEM | Module Case Unsealed | Module Case Unsealed |

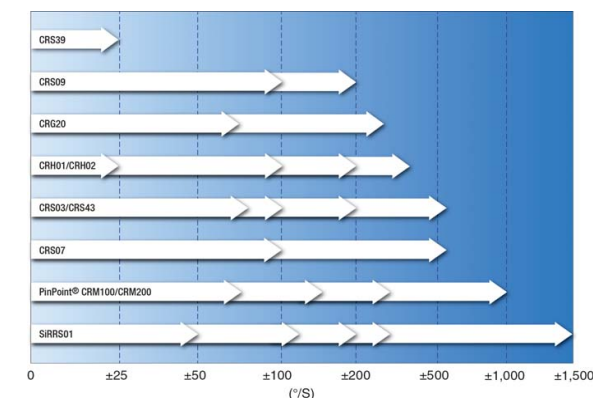
Price vs Performance (Bias Instability)



Operating Temperature



Dynamic Range



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