

EPSON

Latest New-Space IMUs

EPSON has developed a new set of MEMS Inertial Measurement Units based on NASA-recommended and flight-proven IMUs from multiple missions. In addition to space applications, EPSON IMUs have a proven track record in various on-ground applications, with countless operating hours.

Key Features:

- Small Size: 24 x 24 x 10 mm³
- Light Weight: 10g
- Low Power Consumption: 16mA @ 3.3V
- Temperature Range: - 40 to + 85
- Standard SPI / UART Interface



Product Name			M-G370PDT0	M-G370PDG0	M-G366PDG0	M-G330PDG0
Features			Low Noise High Stability	Wide Range High Stability	Standard Model Dynamic Tilt	Basic Model Dynamic Tilt
Gyroscope	Bias Instability	°/h	0.8	0.8	1.2	3
	Output Range	°/s	± 200	± 450	± 450	± 400
	Random Walk	°/√h	0.03	0.06	0.08	0.1
	Band Width	Hz(Max.)	189	189	472	500
Accelerometer	Output Range	G	± 8 / ± 16	± 8 / ± 16	± 8 / ± 16	± 8 / ± 16
	Initial Bias	mG, 1σ	2	2	3	4
Misalignment		°	0.01			

For additional Information or Datasheets, please contact us:

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