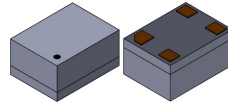


Footprints Available:

- 1.6 x 1.2mm 4pad
- 2.0 x 1.6mm 4pad
- 2.5 x 2.0mm 4pad
- 3.2 x 2.5mm 4pad



AMJM | AMJD | AMPM | AMPD

Power Consumption Optimized Oscillators

The AMJM/AMJD/AMPM/AMPD are power consumption optimized oscillators based on MEMS (micro electro-mechanical systems) designed for compact, portable and battery power applications. MEMS devices present a very small footprint and are able to produce an accurate clock that is robust and immune to shock and vibration. These oscillators are ideal for industrial and consumer applications that require an added level of durability. The series offer functional, stability and temperature operation functions configurable by the factory. Devices can be configured with a standby function that enables 12 μ A current consumption to extend battery life when the clock signal is not being used. The AMJD and AMPD series offer a frequency select pin allowing the output frequency to be switched between any 2 frequencies in their range.

FEATURES INCLUDE

- Compact footprint as small as 1.6 x 1.2mm
- Low 0.84mm profile
- Low power consumption
- Short lead time for new frequencies
- Wide -40°C to +85°C operating temperature range

APPLICATIONS INCLUDE

- Wearables
- Internet of Things (IoT)
- Industrial IoT
- Audio and video
- Drones and robotics

Series	Functional Options	Standby IDD	IDD	Frequency Range	Footprints Available	Temp Options	Stability Options
AMJM	OE or Standby	12 μ A	3mA	1 to 100MHz	1.6x1.2mm 4pad 2.0x1.6mm 4pad 2.5x2.0mm 4pad 3.2x2.5mm 4pad	-40°C to +85°C -20°C to +70°C	±50ppm ±25ppm
AMJD	Frequency Select	N/A					
AMPM	OE or Standby	12 μ A	1.3mA	1 to 80 MHz			
AMPD	Frequency Select	N/A					