

February 19, 2021

Huntington Beach, California – Frequency Management International (FMI), a leading manufacturer of frequency control and timing solutions for high reliability and extreme environment applications, congratulates NASA and Jet Propulsion Laboratory (JPL) for the Perseverance Rover’s successful Mars landing and start of its exploration mission on the Red Planet.

FMI is proud to have supplied high reliability oscillators used in the Perseverance Rover’s engineering cameras across various functional groups, including surface operation and navigation (NAVCAM), EDL documentation and LCAM, which provides data to the Lander Vision System (LVS).

FMI’s work on the project started in 2017 and included the design and manufacturing of miniature, surface mount high reliability crystal oscillators as well as contribution and support towards single-event testing (SEL) of the design, as a pre-requisite to successful qualification.

NASA’s milestone achievement underscores FMI’s continued commitment to innovation in the design and manufacturing of highly reliable frequency control products for use in extreme environments.

Company President Kouros Sariri commented, “FMI is pleased to have played our role in supporting NASA and JPL in the Mars 2020 program with efficient, innovative space-grade oscillators. The Perseverance Rover’s historic accomplishment validates our vision towards the continued development of novel and compelling solutions for extreme environment applications. The FMI team looks forward to the continued success of the Perseverance Rover’s mission.”

Products manufactured by FMI are used across a wide range of demanding operating environments including applications in defense, avionics, deep-space robotics and commercial space as well as various energy and high-end industrial markets. FMI solutions include crystals and oscillator products offering proven reliability with operating temperature ranges from -180°C to +300°C. A full list of company products and certifications can be found at: <http://www.frequencymanagement.com>

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