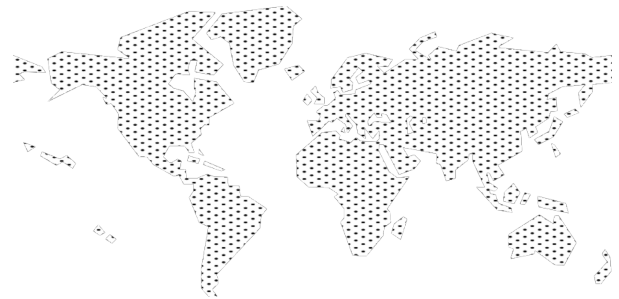# Velocity IoT ONeSIM™ MFF2 Data Sheet

About Velocity IoT

Say goodbye to "permanent roaming". Velocity's service is offered on leading tier-one cellular operators. The best of all worlds: ONeSIM™ for all carriers, with direct-to-carrier reliability & performance. Velocity IoT is the ultimate in choice and value.

ONeSIM™ MFF2 Features

- MFF2 eSIM
- 2G,3G,4G & 5G
- Coverage in 600+ countries
- Over 200 carriers
- Dedicated support

**Seamless global IoT connectivity-
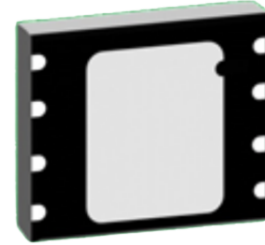All four major US carriers included***

*Currently 3 carriers available, 4th coming by Q4 2022

ONeSIM™ Hardware Features

- Flash: 704kB
- RAM: 20kB Static
- Operating Voltage: 1.62V- 5.5V
- Operating Internal Frequency up to 28 MHz
- Operating External Frequency 1-10MHz (Class A/B, 1-7.5MHz (Class C)
- Operating Temperature range: -40 C - +105 C
- 25 years data retention at 25 C; 15 years at 85 C, 10 years at 105 C
- 500.000 Erase/Write cycles
- I/O ISO 7816-3 (T=)
- I/O speed: 8, 16, 31, 32, 64, 186, 372 clocks per ETU
- 16 bit Random Number Generator
- Up to 256 bit AES calculation in Hardware

ONeSIM™ Software Features

- eUICC Release 12 product
- Java Card 3.0.5
- GlobalPlatform 2.2
- RAM HTTPS
- ISIM (IP Multimedia services Identify Module)
- EAP (Extensible Authentication Protocol)
- MBMS (Multimedia Broadcast /Multicast Service)
- EOL
- CAT-TP
- Extended logic channels
- TUAK algorithm
- CSIM
- Multi Cl

Ordering Number

Product Name: Velocity IoT ONeSIM™ MFF2
Ordering Number: VIOT-1SIM-MFF2