


# SIM Specification

## Triple SIM (2FF/3FF/4FF)

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## 1.1 Triple SIM (2FF/3FF/4FF)

<b>Form factor</b>	Triple SIM (2FF/3FF/4FF)  (Mini/2FF) (Micro/3FF) (Nano/4FF)
<b>Type</b>	64K <sup>1</sup> , Java
<b>Chip</b>	Infineon SLM 76CF3201P
<b>RSM8 Capable</b>	No
<b>Extended Life Support</b>	Yes
<b>Operating voltage</b> (ETSI TS 102.221)	1.62-5.5 V (Class A-C)
<b>Operating temperature range</b> (ETSI TS 102.221 and Jedec JESD22-A104)"	-35°C to 85°C (Level TS) <sup>2</sup>
<b>Temperature Cycling</b> (Jedec JESD22-A104)	-35°C to 85°C 1000 cycles
<b>Minimum Updates</b> (ETSI TS 102.671)	1,000,000 (Level UC) <sup>3</sup>
<b>Data Retention Time</b> (ETSI TS 102.671)	10 yrs (Level RA)
<b>ESD Protection</b> (Jedec JESD22-C101)	> 4000 V
<b>Resistance to chemical products</b> (ISO 7810)	Yes
<b>Humidity Resistance</b> (ETSI TS 102.221 and Jedec JESD22-A101)	-
<b>Moisture/Reflow conditions</b> (Jedec J-STD 020)	-
<b>Accelerated Moisture Resistance</b> (Jedec JESD22-A102)	-
<b>Corrosion Resistance</b> (Jedec JSD22-A107)	35°C/96 h (Level CC)
<b>Mechanical Shock</b> (Jedec JESD22-B104)	500 G (Level SA)
<b>Vibration</b> (Jedec JESD22-B103)	-
<b>Automotive Electronics Council (AEC)</b> (Q100 Qualified)	No

<sup>1</sup> Memory available for customer profile and applications.

<sup>2</sup> Product qualified down to -35°C

<sup>3</sup> Up to 16M updates for high stressed hotspots