

<p>ANALOG INPUTS</p> <p>Differential Input Voltage Range</p> <p>Input Common-Mode Range²</p> <p>Absolute Analog Input Voltage Limits²</p> <p>Analog Input Current</p> <p>Unbuffered</p> <p>Precharge Buffer On⁵</p> <p>Input Current Drift</p> <p>Unbuffered</p> <p>Precharge Buffer On</p>	<p>See the Analog Inputs section</p> <p>$V_{REF} = (REFX+) - (REFX-)$</p> <p>Differential component</p> <p>Common-mode component</p>	<p>$-V_{REF}$</p> <p>AVSS</p> <p>AVSS</p> <p>$+V_{REF}$</p> <p>AVDD1</p> <p>AVDD1</p> <p>± 48</p> <p>± 17</p> <p>-20</p> <p>± 5</p> <p>± 31</p>	<p>V</p> <p>V</p> <p>V</p> <p>$\mu A/V$</p> <p>$\mu A/V$</p> <p>μA</p> <p>nA/V/°C</p> <p>nA/°C</p>
<p>EXTERNAL REFERENCE</p> <p>Reference Voltage</p> <p>Absolute Reference Voltage Limits²</p>	<p>$V_{REF} = (REFX+) - (REFX-)$</p> <p>Precharge reference buffers off</p>	<p>1</p> <p>AVSS – 0.05</p> <p>AVDD1 – AVSS</p> <p>AVDD1 + 0.05</p>	<p>V</p> <p>V</p>