



**THE DATASHEET OF  
STR-NCP171-EVK**





## STR-NCP171-EVK: NCP171 - 80mA Dual Power Mode LDO

The STR-NCP171-EVK provides an evaluation kit for the NCP171 series of 80 mA dual mode XDFN4 package LDOs with a fixed output voltage range from 0.6 V to 3.3 V. In low power mode, the NCP171 can achieve a quiescent current as low as 50 nA, and the output voltage can be lowered by an internally programmed value of 50 mV, 100 mV, 150 mV, and 200 mV. The ultra-low quiescent current and dual mode capability make this LDO optimized for battery powered or low power applications. This evaluation kit can be used in tandem with the Strata environment GUI which can enable/disable the LDO, switch between Active mode and low power mode, as well as monitor other telemetry on the platform, including input/output voltage, power dissipated, and temperature



### Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
<a href="#">STR-NCP171-EVK</a>	Active	Pb-free	NCP171 - 80mA Dual Power Mode LDO	<a href="#">NCP171AMX120100TCG</a>	

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