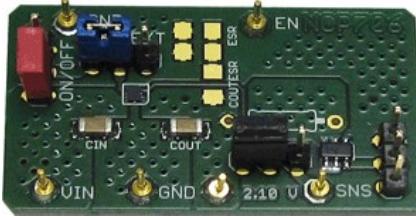


**NCP706MX21TAGEVB: 2.1V, 1% Precision Very Low Dropout Voltage Regulator with Enable Evaluation Board**

The NCP706 is a Very Low Dropout Voltage Regulator capable of providing up to 1 A of load current whilst maintaining excellent output voltage accuracy of 1% including line, load and temperature variations. The operating input voltage ranges from 2.4 V up to 5.5 V, making this device suitable for Li-ion battery powered products as well as post-regulation applications. The product is available in a 2.1V or 2.2V fixed output voltage option. NCP706 is fully protected against overheating and output short circuit. The very small 8-pin XDFN8, 1.6 x 1.2 04P package, makes the device especially suitable for space constrained portable applications such as tablets and smartphones.

**Evaluation/Development Tool Information**

| Product | Status | Compliance | Short Description | Parts Used | Action |
|------------------|--------|------------|--|---------------|---|
| NCP706MX21TAGEVB | Active | Pb-free | 2.1V, 1% Precision Very Low Dropout Voltage Regulator with Enable Evaluation Board | NCP706MX21TAG | » Contact Local Sales Office » Inventory |

Technical Documents

| Type | Document Title | Document ID/Size | Rev |
|----------------------------|--|--|-----|
| Eval Board: BOM | NCP706MX21TAGEVB Bill of Materials ROHS Compliant | NCP706MX21TAGEVB_BOM_ROHS.PDF - 32.0 KB | 0 |
| Eval Board: Gerber | NCP706MX21TAGEVB Gerber Layout Files (Zip Format) | NCP706MX21TAGEVB_GERBER.ZIP - 70.0 KB | 0 |
| Eval Board: Schematic | NCP706MX21TAGEVB Schematic | NCP706MX21TAGEVB_SCHEMATIC.PDF - 119.0 KB | 0 |
| Eval Board: Test Procedure | NCP706MX21TAGEVB Test Procedure | NCP706MX21TAGEVB_TEST_PROCEDURE.PDF - 198.0 KB | 0 |
| Video | 2.1V, 1% Precision Very Low Dropout Voltage Regulator with Enable Evaluation Board - NCP706MX21TAGEVB Test Procedure | WVD17066/D | |

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