

## STR-NIS5232-GEVB: Strata Enabled NIS5232 12V, 44mΩ, 4.2A eFuse

The STR-NIS5232-GEVB provides an evaluation board for the NIS5232 eFuse within the Strata Development Environment. The NIS5232 offers a programmable trip current limit, a programmable slew rate, and thermal protection features. The evaluation board provides an on board short circuit load to test the short circuit protection features of the eFuse. This evaluation board must be used with Strata to control the eFuse and monitor telemetry such as input/output voltage, input/output current, and temperature.



See the Strata webpage at [www.onsemi.com/strata](http://www.onsemi.com/strata) for more details!

Click to Download Strata

### Features and Applications

#### Features

- Multiple overload current options
- Vin Range from 9.2V to 18V
- 2 independently controlled eFuses that can be placed in parallel
- Programmable slew rate

#### Applications

- Hard Drives
- Fan Drives
- Motherboards
- Servers

#### Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
STR-NIS5232-GEVB	Active	Pb-free	Strata Enabled NIS5232 12V, 44mΩ, 4.2A eFuse	<a href="#">NIS5232MN1TXG</a>	<a href="#">Buy</a>

#### Technical Documents

Type	Document Title	Document ID/Size	Rev
Software	Strata Setup Software for	<a href="#">Strata setup Windows -</a>	3.0.1



		KB	
Eval Board: Gerber	STR-NIS5232-GEVB Gerber Layout Files (Zip Format)	STR-NIS5232-GEVB_GERBER - 427 KB	1
Eval Board: Schematic	STR-NIS5232-GEVB Schematic	STR-NIS5232-GEVB_SCHEMATIC - 321 KB	1
Video	Isolation & Protection Devices   Strata	WVD17375/D	
Eval Board: Manual	STR-NIS5232-GEVB User Guide	STR-NIS5232-GEVB_user_guide - 800 KB	0

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