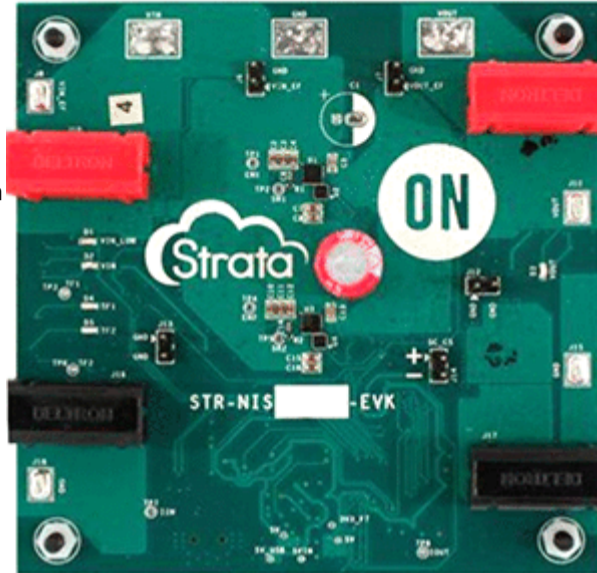




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STR-NIS5820-GEVB: Strata Enabled NIS5820 12V, 24mΩ, 8A eFuse

The STR-NIS5820-GEVB provides an evaluation board for the NIS5820 eFuse within the Strata Development Environment. The NIS5820 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 for more details!



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Features and Applications

Features

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

Applications

- Hard Drives
- Servers
- Motherboards
- Fan Drives

Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
STR-NIS5820-GEVB	Active	Pb-free	Strata Enabled NIS5820 12V, 24mΩ, 8A eFuse	NIS5820MT1TXG	Contact Local Sales Office Inventory

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Technical Documents

Type	Document Title	Document ID/Size	Rev
Software	Strata Setup Software for Microsoft Windows	Strata setup Windows - 87664 KB	2.4.0
Eval Board: BOM	STR-NIS5820-GEVB Bill of Materials (ROHS Compliant)	STR-NIS5820-GEVB_BOM_ROHS - 140 KB	1
Eval Board: Gerber	STR-NIS5820-GEVB Gerber Layout Files (Zip Format)	STR-NIS5820-GEVB_GERBER - 427 KB	1
Eval Board: Schematic	STR-NIS5820-GEVB Schematic	STR-NIS5820-GEVB_SCHEMATIC - 321 KB	1
Video	Isolation & Protection Devices Strata	WVD17375/D	
Eval Board: Manual	STR-NIS5820-GEVB User Guide	STR-NIS5820-GEVB_user_guide - 800 KB	0

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