

Evaluation Board | NIS6420MT2GEVB

Show side navigation

NIS6420MT2GEVB: 12 V eFuse Evaluation Board, Auto-Retry

Buy

Jump to

Overview

Evaluation/Development Tools

Technical Documentation



Overview

The NIS6420MT2 Evaluation Board allows testing and experimentation in a lab environment with the NIS6420MT2, an auto-retry eFuse for 12 V power rails. The user applies a DC voltage to the input and may connect a load of up to 4 A to the output. The boards have test points for all pins, an output voltage slew rate adjustment capacitor selectable with a jumper, indicator LEDs for the output voltage and enable/fault status, and a potentiometer to set the current limit.

Evaluation/Development Tools

Product	Type	Ref. Design	Status	Part Used	Action
NIS6420MT2GEVB NIS6420MT2GEVB: 12 V eFuse Evaluation Board, Auto-Retry	Evaluation Board	No	Active	2N7002KT MMBT390 G, NIS6420M WG ...	Price N/A Check Inventory

Technical Documentation

Search Technical Documentation

Name / Description	Document Type	Modified date
NIS6420MT2GEVB Gerber Layout Files (Zip Format) NIS6420MT2GEVB_GERBER0Eval Board: Gerber 334.85 KBEN	Eval Board: Gerber	December 01, 2020
NIS6420MT2GEVB Bill of Materials (RoHS Compliant) NIS6420MT2GEVB_BOM_ROHS0Eval Board: BOM 94.21 KBEN	Eval Board: BOM	December 01, 2020
NIS6420MT2GEVB Schematic NIS6420MT2GEVB_SCHEMATIC0Eval Board: Schematic 492.54 KBEN	Eval Board: Schematic	December 01, 2020
NIS6420MT2GEVB Test Procedure NIS6420MT2GEVB_TEST_PROCEDURE0 Eval Board: Test Procedure178.18 KBEN	Eval Board: Test Procedure	December 01, 2020
NIS6420 Evaluation Board User's Manual EVBUM2796/D0Eval Board: Manual 1.05 MBEN	Eval Board: Manual	May 01, 2021

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Leadership

Ecosystem Partners

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Investor Relations

Governance

Financials

Events

News

Stock Info

Resources

News & Media

Press Announcements

In The News

Blog

Media Contacts

Image Library

Careers

Early Careers

Experienced Careers

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Internships

Who We Are

Where We Are

Career Benefits



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