

EVAL-1ED020I12-B2

Overview



Description:

Evaluation Board for **1ED020I12-B2** (/cms/en/product/productType.html?productType=db3a30443322879801334092a9c30d32) - Galvanic isolated single channel **IGBT driver IC** (/cms/en/product/channel.html?channel=ff80808112ab681d0112ab6a30e70442) with CT **IGBTs** technology for 600V/1200V (/cms/en/product/channel.html?channel=db3a304319c6f18c011a14e5e2f725f4)



Summary of Features:

- 1200V Coreless Transformer isolated Driver Ics
- 2 A rail-to-rail outputs
- Protection function
- V(cesat)-detection
- Active Miller Clamp

Benefits:

- Space saving package
- Improved energy efficiency

Target Applications:

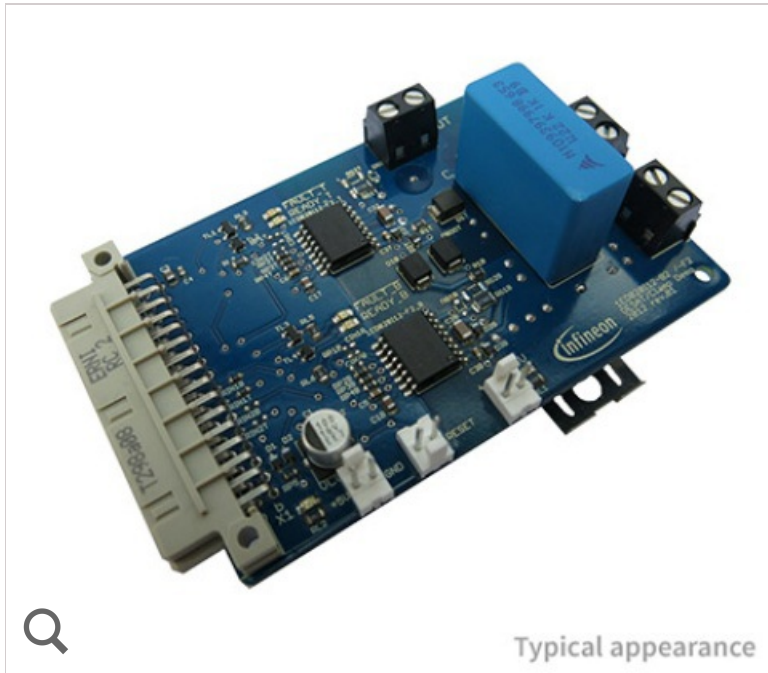


(/cms/productpage- (/cms/productpage- (/cms/productpage- (/cms/productpage- application/drives) application/solar) application/cav) application/ups)



Please also find our high performance **1ED020I12-B2 EiceDRIVER™ Enhanced** (/cms/en/product/productType.html?productType=db3a30443322879801334092a9c30d32) -

600V/1200V galvanic isolated single channel IGBT Gate Driver ICs with CT technology.



Parametrics



Parametrics	EVAL-1ED020112-B2
Applications	UPS
Configuration	Driving IGBTs For equipping 1ED 1200V single channel EiceDRIVER™
Description	Evaluation Board for 1ED020112-B2 EiceDRIVER™ Enhanced Driver ICs (1200V)
Family	Gate Driver IGBT Modules
Input Type	DC
Product Description	Evaluation Board for 1ED020112-B2 - Galvanic isolated single channel IGBT driver IC with CT technology for 600V/1200V IGBTs.
Product Name	EVAL-1ED020112-B2
Promotion of	EiceDRIVER™ Enhanced
Target Application	Industrial Motor Control & Drives ; Power Supplies ; Smart Grid ; Solar Energy Systems
Topology	Half Bridge
Type	Evaluation Board

Documents



+ Expand all

Product Brief



EiceDRIVER™ - Gate Driver ICs for Electric Drives Application (/dgd/Infineon-EiceDRIVER_Gate_Driver_ICs-PB-v1.0-en.pdf?

fileId=db3a3043338c8ac801338d26288d005f)

> EN (/dgd/Infineon-EiceDRIVER_Gate_Driver_ICs-PB-v1.0-en.pdf?fileId=db3a3043338c8ac801338d26288d005f)

> CN (/dgd/Infineon-EiceDRIVER_Gate_Driver_ICs-PB-v01_00-CN.pdf?fileId=5546d4624f205c9a014f698629a22d5f)

2011-11-10 | pdf | 1.4 MB



EiceDRIVER™ 1200V Solar Inverters and UPS (/dgd/Infineon-1200V_EiceDRIVER-PB-v1.0-en.pdf?

fileId=db3a30432fd0c54a012fde685ca0307f)

> EN (/dgd/Infineon-1200V_EiceDRIVER-PB-v1.0-en.pdf?fileId=db3a30432fd0c54a012fde685ca0307f)

> CN (/dgd/Infineon-1200V_EiceDRIVER-PB-v01_00-CN.pdf?fileId=5546d4624f205c9a014f693cfbd22cec)

2012-11-15 | pdf | 1.2 MB

+ Application Notes



Application Note EiceDRIVER™ IC Junction Temperature (/dgd/Infineon-ApplicationNote_EiceDRIVER_IC_Junction_Temperature-AN-v02_00-EN.pdf?fileId=db3a30434208e5fd01420933214a0116)

> EN (/dgd/Infineon-ApplicationNote_EiceDRIVER_IC_Junction_Temperature-AN-v02_00-EN.pdf?fileId=db3a30434208e5fd01420933214a0116)

> CN (/dgd/Infineon-AN2013_09_Junction temperature using thermal coefficient-AN-v02_00-CN.pdf?fileId=5546d46250cc1fdf0150cecb5b011443)

02_00 | 2013-10-30 | pdf | 333 KB



EiceDRIVER™ 1ED family: Technical description (/dgd/Infineon-1EDfamily_Technical_description-AN-v1_4-en.pdf?

fileId=db3a304336ca04c90136e958eed2361d)

> EN (/dgd/Infineon-1EDfamily_Technical_description-AN-v1_4-en.pdf?fileId=db3a304336ca04c90136e958eed2361d)

> CN (/dgd/Infineon-1EDfamily_Technical_description-AN-v01_04-CN.pdf?fileId=5546d46250b3f2f40150c76437f1295d)

2014-07-15 | pdf | 1.3 MB



Evaluation Board EVAL-1ED020112-B2 (/dgd/Infineon-Evaluationboard_1ED020112-B2-AN-v01_00-EN.pdf?

fileId=db3a304340155f3d014029a04cf602e5)

> EN (/dgd/Infineon-Evaluationboard_1ED020112-B2-AN-v01_00-EN.pdf?fileId=db3a304340155f3d014029a04cf602e5)

> CN (/dgd/Infineon-Evaluationboard_1ED020112-B2-cn-AN-v02_00-CN.pdf?fileId=5546d46250cc1fdf0150cd13d6d90407)

01_00 | 2013-07-29 | pdf | 1.1 MB

+ Application Brochure



Infineon solar power solutions (/dgd/Infineon-ApplicationBrochure_Solutions_for_Solar_Energy_Systems-ABR-v01_00-EN.pdf?

fileId=db3a30433e5a5024013e6a33393f6360)

> EN (/dgd/Infineon-ApplicationBrochure_Solutions_for_Solar_Energy_Systems-ABR-v01_00-EN.pdf?

fileId=db3a30433e5a5024013e6a33393f6360)

01_00 | 2014-06-26 | pdf | 1.9 MB



Solutions for Wind Energy Systems (/dgd/Infineon-Solutions_for_Wind_Energy_Systems-ABR-v1.0-en.pdf?

fileId=db3a30433e16edf9013e1c5f3f321162)

> EN (/dgd/Infineon-Solutions_for_Wind_Energy_Systems-ABR-v1.0-en.pdf?fileId=db3a30433e16edf9013e1c5f3f321162)

2013-04-18 | pdf | 5.4 MB

+ Product Selection Guide



Industrial and general purpose gate driver ICs (/dgd/Infineon-Selection_Guide_Gate_Driver_ICs-SG-v01_00-EN.pdf?fileId=5546d46250cc1fdf015110069cb90f49)
 > EN (/dgd/Infineon-Selection_Guide_Gate_Driver_ICs-SG-v01_00-EN.pdf?fileId=5546d46250cc1fdf015110069cb90f49) 01_00 | 2017-05-15 | pdf | 3.5 MB



Selection Guide EiceDRIVER™ Driver ICs (/dgd/Infineon-Selection_Guide_EiceDriver_driver_ICs-PFO-v1.0-en.pdf?fileId=db3a3043382e83730138512b13c80fd3)
 > EN (/dgd/Infineon-Selection_Guide_EiceDriver_driver_ICs-PFO-v1.0-en.pdf?fileId=db3a3043382e83730138512b13c80fd3) 2012-07-04 | pdf | 1.7 MB

+ Product Catalogue



Short Form Catalog - May 2017 (/dgd/Infineon-Shortform Catalog-PC-v03_00-EN.pdf?fileId=db3a30431a47d73d011a529661267822)
 > EN (/dgd/Infineon-Shortform Catalog-PC-v03_00-EN.pdf?fileId=db3a30431a47d73d011a529661267822) 03_00 | 2017-05-12 | pdf | 2.9 MB

Order

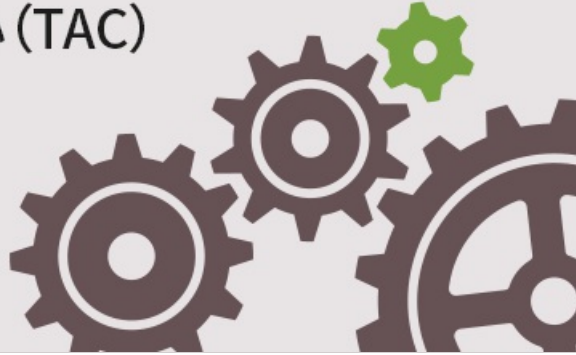


Sales Product Name	EVAL-1ED020I12-B2
OPN	EVAL1ED020I12B2TOB01
Product Status	active and preferred
Package name	--
Order online	
Completely lead free	
Halogen free	
RoHS compliant	no
Packing Size	
Packing Type	CONTAINER
Moisture Level	
Moisture Packing	

Support



Technical Assistance Center 技术支持中心 (TAC)



Call us Toll Free
免费热线联系我们



[\(/cms/en/about-infineon/company/contacts/service-center/\)](/cms/en/about-infineon/company/contacts/service-center/)

Find an answer to your question

Technical Assistance Center (TAC)

Infineon welcomes your comments and questions.

If you have any questions concerning our products, please fill out the following form. Your inquiry will be sent to the appropriate specialist who will be in touch with you as soon as possible.

You will receive a confirmation E-mail to validate your address in our system. Any attached file to the reply which will help to support your inquiry is highly appreciated.

First Name*

Last Name*

E-Mail*

Phone

Company*

Company website (URL)

Industry*

Other Industry

Country / Territory*

Preferred Distributor / Reseller*

Other Distributor / Reseller

Product Name*

Estimated annual production volume (pieces) per year*

Please post your technical question as detailed as possible*

I agree that my personal data can be gathered and processed by Infineon Technologies AG and its licensed partners.*

I would like to receive newsletter informing me about Infineon products. (You can cancel the free subscription any time.)

For more information about our privacy policy please click on > [Privacy Policy \(/cms/en/about-infineon/privacy-policy/\)](/cms/en/about-infineon/privacy-policy/)



Submit Reset

All fields marked with an asterisk (*) are mandatory.

Support forum

© 1999 - 2018 Infineon Technologies AG, 苏ICP备15016286号-1 (<http://www.mittbeian.gov.cn>)

In order to optimize your browsing experience Infineon uses cookies. You agree to the usage of cookies when you continue browsing this site. Please read our > **Privacy Policy (/cms/en/about-infineon/privacy-policy/)** for more information.

OK