

Photo 1: EN 62368-1 Certification from TÜV Rheinland (R72213521)

Zertifikat		Certificate			
Zertifikat Nr. / Certificate No.	Blatt / Sheet				
R 72213521	0001				
Ihr Zeichen / Client Reference	Unser Zeichen / Our Reference	Ausstellungsdatum	Date of Issue		
Mark Batulan	-JH-31682853 314	24.09.2021	(day/mo/yr)		
Genehmigungsinhaber / License Holder		Fertigungsstätte / Manufacturing Plant			
Power Integrations, Inc. 5245 Hellyer Avenue, San Jose, CA CA 95138 USA		UTAC Thai Limited (UTL3) Wellgrow Industrial Estate 73 Moo 5, Bangna-Trad (Km.36) Chachoengsao, 24180 Thailand			
Prüfzeichen / Test Mark	Geprüft nach / Tested acc. to				
	EN IEC 62368-1:2020+A11				
Zertifiziertes Produkt (Geräteidentifikation)			Lizenzentgelte - Einheit		
Certified Product (Product Identification)			License Fee - Unit		
Electrical components Isolated Switching Integrated Circuit					
Model Designation: (see Appendix (Constr. Data Form) ) (Trademark: POWER INTEGRATIONS, EcoSmart)					
Rated Voltage: 1), 2) 3a), 4), 7), 10) 650Vpk or 725Vpk max.; 3b) DC 3.3V; 5), 12) 725Vpk max.; 2), 6), 8) 900Vpk max.; 9) 750Vpk max.; 11) 1700Vpk max. 13) not rated					
Rated Current: 3b) 10mA					
Protection Class: not classified					
Output Ratings: 1), 4), 6) 3.5A max.; 2), 3), 5), 7) -13) not rated					
Special Remarks: Replaces Certificate R72212489.					
ANLAGE (Appendix): 1, 1-10					
<p><i>Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung der zertifizierten Produkte wird überwacht.</i></p> <p><i>This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.</i></p>					
TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg http://www.tuv.com/safety E-mail: markheck@tuv.com Fax: +49 221 606-3935				 Zertifizierungsstelle  Dipl.-Ing. M. Glagla	



Test Report issued under the responsibility of:



**TEST REPORT**  
**IEC 62368-1**  
**Audio/video, information and communication technology equipment**  
**Part 1: Safety requirements**

Report Number.....: **31682853.325**  
Date of issue .....: January 25, 2023  
Total number of pages .....: 169 + Attachments

Name of Testing Laboratory .....: TÜV Rheinland of North America  
preparing the Report .....: 1279 Quarry Lane, Pleasanton, CA 94566 U.S.A.

Applicant's name .....: Power Integrations, Inc.  
Address .....: 5245 Hellyer Avenue, San Jose, CA 95138 U.S.A.

**Test specification:**

Standard .....: **IEC 62368-1: 2018 (Third Edition)**  
Test procedure.....: CB Scheme  
Non-standard test method .....: N/A

TRF template used.....: IECEE OD-2020-F1:2021, Ed.1.4  
Test Report Form No. ....: IEC62368\_1E  
Test Report Form(s) Originator ....: UL(US)  
Master TRF .....: Dated 2022-04-14

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**This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.**

**General disclaimer:**

The test results presented in this report relate only to the object tested.  
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<p><b>Ratings .....</b> :</p>	<p>SC3763Fwww, SC3764Fwww, SC3765Fwww, SC3766Fwww, SC3767Fwww, SC3768Fwww, SC3769Fwww, SC3770Fwww, SC3771Fwww, SC3772Fwww, SC3773Fwww, SC3774Fwww, SC3775Fwww, SC3776Fwww, SC3777Fwww, SC3778Fwww, SC3779Fwww, SC3780Fwww, SC3781Fwww, SC3782Fwww, SC3783Fwww, SC3784Fwww, SC3785Fwww, SC3786Fwww, SC3787Fwww, SC3788Fwww, SC3789Fwww, SC3790Fwww, SC3791Fwww, SC3792Fwww, SC3793Fwww, SC3794Fwww, SC3795Fwww, SC3796Fwww, SC3797Fwww, SC3798Fwww, SC3799Fwww (where w= 0-9, A-Z, blank)</p> <p>ZN1611Fwww, ZN1612Fwww, ZN1613Fwww, ZN1614Fwww, ZN1615Fwww, ZN1616Fwww, ZN1617Fwww, ZN1618Fwww, ZN1619Fwww, ZN1620Fwww (where w= 0-9, A-Z, blank)</p> <p>(1) 650Vpk or 725Vpk max; output rated 3.5A max; (2) 650Vpk, 725Vpk or 900Vpk max; (output not rated); (3) 650Vpk or 725Vpk max; (output not rated); DC3.3V at 10mA (uVCC); (4) 650Vpk or 725Vpk max; output rated 3.5A max; (5) 725Vpk max; (output not rated); (6) 900Vpk max; output rated 3.5A max; (7) 650Vpk max or 725Vpk max; (output not rated) (8) 900Vpk max; (output not rated) (9) 750Vpk max; (output not rated); (10) 650Vpk max or 725Vpk max; (output not rated) (11) 1700Vpk max; (output not rated) (12) 725Vpk max; (output not rated) (13) (Input and output not rated) (14) 725Vpk max; (output not rated)</p> <p><b>REINFORCED INSULATION, 4000Vrms dielectric rating for 60 s</b></p>
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