

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM527310

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Trademark Security Agreement

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
VISHAY DALE ELECTRONICS, LLC		06/05/2019	Limited Liability Company: DELAWARE
VISHAY INTERTECHNOLOGY, INC.		06/05/2016	Corporation: DELAWARE
SILICONIX INCORPORATED		06/05/2019	Corporation: DELAWARE
VISHAY SPRAGUE, INC.		06/05/2019	Corporation: DELAWARE

RECEIVING PARTY DATA

Name:	JPMorgan Chase Bank, N.A, as Administrative Agent
Street Address:	IL1-1145/54/63, P.O. BOX 6026
City:	Chicago
State/Country:	ILLINOIS
Postal Code:	60603-6026
Entity Type:	National Banking Association: UNITED STATES

PROPERTY NUMBERS Total: 43

Property Type	Number	Word Mark
Registration Number:	1383220	DALE
Registration Number:	3394307	IHLP
Registration Number:	2074628	POWER METAL STRIP
Registration Number:	3431324	WSL
Registration Number:	3264991	WSR
Registration Number:	5680532	SGIHLP
Registration Number:	1979712	QUICK-NET
Registration Number:	1790212	VISHAY
Registration Number:	1015163	VISHAY
Registration Number:	837476	VISHAY
Registration Number:	3530560	VISHAY
Registration Number:	1692580	VISHAY
Registration Number:	3530559	VISHAY
Registration Number:	3256028	TMBS
Serial Number:	77953395	VISHAY PRECISION GROUP

OP \$1090.00 1383220

TRADEMARK

Property Type	Number	Word Mark
Serial Number:	77952995	VISHAY PRECISION GROUP
Registration Number:	948851	BULK METAL
Registration Number:	2696001	CHIPFET
Registration Number:	1727230	LITTLE FOOT
Registration Number:	2701037	MICRO FOOT
Registration Number:	2990388	POLARPAK
Registration Number:	3732445	POWERPAIR
Registration Number:	3087499	SI
Registration Number:	3469285	SKYFET
Registration Number:	2672428	POWERPAK
Registration Number:	3759042	TURBOFET
Registration Number:	3073909	FLIPKY
Registration Number:	1753724	HEXFRED
Registration Number:	3704345	POWERTAB
Registration Number:	3662946	FRED PT
Serial Number:	77900236	MICROBUCK
Serial Number:	77896876	VRPOWER
Registration Number:	3256019	HVARC GUARD
Registration Number:	3526660	MICROTAN
Registration Number:	858837	SPECTROL
Registration Number:	859975	SPRAGUE
Registration Number:	1492049	SUPERTAN
Registration Number:	1380243	TANTAMOUNT
Registration Number:	1238139	VITRAMON
Registration Number:	839908	VITRAMON
Registration Number:	4053107	SILICONIX
Registration Number:	3762167	SPRAGUE
Registration Number:	2326097	CERA-MITE

CORRESPONDENCE DATA

Fax Number: 8004947512

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 202.370.4750

Email: ipteam@cogencyglobal.com

Correspondent Name: Jay daSilva

Address Line 1: 1025 Vermont Ave NW, Suite 1130

Address Line 2: COGENCY GLOBAL INC.

Address Line 4: Washington, D.C. 20005

ATTORNEY DOCKET NUMBER:	1093893 TM
NAME OF SUBMITTER:	Elizabeth Wagenbach
SIGNATURE:	/Elizabeth Wagenbach/
DATE SIGNED:	06/11/2019

Total Attachments: 9

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TRADEMARK SECURITY AGREEMENT dated as of June 5, 2019 (this "Agreement"), among Vishay Intertechnology, Inc. (the "Borrower") and the other Subsidiary Loan Parties which are signatories hereto (each, a "Grantor") and JPMorgan Chase Bank, N.A. ("JPMCB"), as Administrative Agent.

Reference is made to (a) the Credit Agreement dated as of June 5, 2019, (as amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement"), among the Borrower, the Lenders from time to time party thereto and JPMCB, as Administrative Agent, and (b) the Guarantee and Collateral Agreement dated as of June 5, 2019 (as amended, restated, supplemented or otherwise modified from time to time, the "Collateral Agreement"), among the Borrower, the other Subsidiary Loan Parties from time to time party thereto and JPMCB, as Administrative Agent. The Lenders and the Issuing Banks have agreed to extend credit to the Borrower subject to the terms and conditions set forth in the Credit Agreement. The obligations of the Lenders and the Issuing Banks to extend such credit are conditioned upon, among other things, the execution and delivery of this Agreement. The Grantors party hereto (other than the Borrower) are Affiliates of the Borrower, will derive substantial benefits from the extension of credit to the Borrower pursuant to the Credit Agreement and are willing to execute and deliver this Agreement in order to induce the Lenders and the Issuing Banks to extend such credit. Accordingly, the parties hereto agree as follows:

SECTION 1. Terms. Each capitalized term used but not otherwise defined herein shall have the meaning specified in the Credit Agreement or the Collateral Agreement, as applicable. The rules of construction specified in Section 1.03 of the Credit Agreement also apply to this Agreement, *mutatis mutandis*.

SECTION 2. Grant of Security Interest. As security for the payment or performance, as the case may be, in full of the Secured Obligations, each Grantor pursuant to the Collateral Agreement did, and hereby does, grant to the Administrative Agent, its successors and assigns, for the benefit of the Secured Parties, a security interest in all right, title and interest in, to and under any and all of the following assets now owned or at any time hereafter acquired by such Grantor or in, to or under which such Grantor now has or at any time hereafter may acquire any right, title or interest (collectively, the "Trademark Collateral"):

- (a) all trademarks, service marks, trade names, corporate names, company names, business names, fictitious business names, trade styles, trade dress, logos, domain names, other source or business identifiers, designs and general intangibles of like nature, all registrations and recordings thereof, and all registration and recording applications filed in connection therewith, including registrations and registration applications in the United States Patent and Trademark Office or any similar offices in any State of the United States of America, all

extensions or renewals thereof and all common law rights related thereto, including those listed on Schedule I; and

(b) all goodwill associated therewith or symbolized thereby.

Notwithstanding anything to the contrary contained in clauses (a) or (b) above, the security interest created by this Agreement shall not extend to any "intent to use" trademark application for which a statement of use has not been filed with the United States Patent and Trademark Office, but only to the extent that the grant of the Security Interest would invalidate such trademark application.

SECTION 3. Collateral Agreement. The security interests granted to the Administrative Agent herein are granted in furtherance, and not in limitation of, the security interests granted to the Administrative Agent pursuant to the Collateral Agreement. Each Grantor hereby acknowledges and affirms that the rights and remedies of the Administrative Agent with respect to the Trademark Collateral are more fully set forth in the Collateral Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the Collateral Agreement, the terms of the Collateral Agreement shall govern.

SECTION 4. Recordation. Each Grantor hereby authorizes and requests that the Commissioner of Patents and Trademarks record this Agreement.

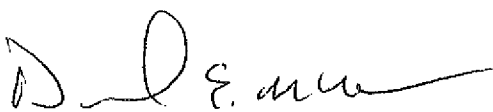
SECTION 5. Counterparts. This Agreement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page of this Agreement by facsimile or other electronic imaging shall be effective as delivery of a manually executed counterpart of this Agreement.

SECTION 6. GOVERNING LAW. THIS AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK.

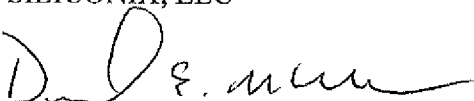
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IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

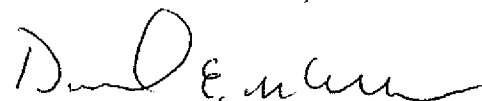
VISHAY INTERTECHNOLOGY, INC.,

By 
Name: David E. McConnell
Title: Senior Vice President and Corporate
Treasurer

VISHAY GSI, INC.
SILICONIX INCORPORATED
VISHAY SPRAGUE, INC.
VISHAY BCCOMPONENTS HOLDINGS LTD.
VISHAY AMERICAS, INC.
VISHAY HIREL SYSTEMS LLC
VISHAY SILICONIX, LLC

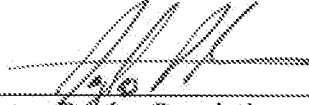
By 
Name: David E. McConnell
Title: Treasurer

VISHAY DALE ELECTRONICS, LLC

By 
Name: David E. McConnell
Title: Manager

JPMORGAN CHASE BANK, N.A., as
Administrative Agent,

by



Name: Douglas Panchal
Title: Executive Director

[Signature Page to Trademark Security Agreement]

[[5202040]]

TRADEMARK
REEL: 006667 FRAME: 0075

SCHEDULE I

United States Trademark Registrations and Applications

Vishay Dale Electronics, LLC

No.	Trademark	Legal Owner	Country	Reg.#	Reg. Date
1.	DALE	Vishay Dale Electronics, Inc.	United States	1383220	2/18/1986
2.	IHLP	Vishay Dale Electronics, Inc.	United States	3394307	3/11/2008
3.	POWER METAL STRIP	Vishay Dale Electronics, Inc.	United States	2074628	6/24/1997
4.	WSL	Vishay Dale Electronics, Inc.	United States	3431324	5/20/2008
5.	WSR	Vishay Dale Electronics, Inc.	United States	3264991	7/17/2007
6.	DALE	Vishay Dale Electronics, Inc.	United States		Filed 3/2/2016
7.	SGHLP	Vishay Dale Electronics, LLC	United States	5,680,532	2/19/2019
8.	IHLE	Vishay Dale Electronics, LLC	United States		Filed 11/27/2018
9.	POWER METAL PLATE	Vishay Dale Electronics, LLC	United States		Filed 3/28/2019

Vishay Intertechnology, Inc.

No.	Trademark	Legal Owner	Country	Country	Reg.#	Reg.#	Reg. Date
1.	QUICK NET	Vishay Intertechnology, Inc.	United States	United States	1979712	1979712	6/11/1996
2.	VISHAY	Vishay Intertechnology, Inc.	United States	United States	1790212	1790212	8/31/1993
3.	VISHAY	Vishay Intertechnology, Inc.	United States	United States	1015163	1015163	7/8/1975
4.	VISHAY	Vishay Intertechnology, Inc.	United States	United States	837476	837476	10/24/1967
5.	VISHAY	Vishay Intertechnology, Inc.	United States	United States	3530560	3530560	11/11/2008
6.	VISHAY (In Middle of Pyramid)	Vishay Intertechnology, Inc.	United States	United States	1692580	1692580	6/9/1992
7.	VISHAY (In Middle of Pyramid)	Vishay Intertechnology, Inc.	United States	United States	3530559	3530559	11/11/2008
8.	TMBS	Vishay Intertechnology, Inc.	United States	United States	3256028	3256028	6/26/2007
9.	VISHAY PRECISION GROUP b&w logo	Vishay Intertechnology, Inc.	United States	United States	77/953,395	77/953,395	3/8/2010
10.	VISHAY PRECISION GROUP color logo	Vishay Intertechnology, Inc.	United States	United States	77/952,995	77/952,995	Filed 3/8/2010
11.	THINK AUTOMOTIVE, THINK VISHAY	Vishay Intertechnology, Inc.	United States	United States			Filed 3/16/2018
12.	THE DNA OF TECH	Vishay Intertechnology, Inc.	United States	United States			Filed 1/4/2019
13.	DNA OF TECH	Vishay Intertechnology, Inc.	United States	United States			Filed 2/22/2019

Trademark	Legal Owner	Country	Reg.#	Reg. Date
BULK METAL	Vishay Intertechnology, Inc.	United States	948851	12/19/1972

Siliconix incorporated

No.	Trademark	Legal Owner	Country	Reg.#	Reg. Date
1.	CHIPFET	Siliconix incorporated	United States	2696001	3/11/2003
2.	LITTLE FOOT	Siliconix incorporated	United States	1727230	10/27/1992
3.	MICRO FOOT	Siliconix incorporated	United States	2701037	3/25/2003
4.	POLARPAK	Siliconix incorporated	United States	2990388	8/30/2005
5.	POWERPAIR	Siliconix incorporated	United States	3732445	12/29/2009
6.	SI STYLIZED	Siliconix incorporated	United States	3087499	5/2/2006
7.	SKYFET	Siliconix incorporated	United States	3469285	7/15/2008
8.	POWERPAK	Siliconix incorporated	United States	2672428	1/7/2003
9.	TurboFET	Siliconix incorporated	United States	3759042	3/9/2010
10.	FLIPKY	Vishay Siliconix Technology C.V.	United States	3,073,909	3/28/2006
11.	HEXFRED	Vishay Siliconix Technology C.V.	United States	1,753,724	2/23/1993
12.	POWERTAB	Vishay Siliconix Technology C.V. composed of Siliconix incorporated, General Partner, Siliconix Semiconductor, Inc. and Vishay Siliconix LLC	United States	3,704,345	11/3/2009
13.	FRED PT	Vishay Siliconix Technology C.V. composed of Siliconix incorporated, General Partner, Siliconix Semiconductor, Inc. and Vishay Siliconix LLC	United States	3,662,946	8/4/2009

<u>No.</u>	<u>Trademark</u>	<u>Legal Owner</u>	<u>Country</u>	<u>Reg.#</u>	<u>Reg. Date</u>
14.	MICROBUCK	Siliconix incorporated	United States	77/900,236	12/23/2009
15.	VRPower	Siliconix incorporated	United States	77/896,876	12/18/2009
16.	SILICONIX	Siliconix incorporated	United States	4053107	Filed 4/15/2011

TRADEMARK
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Vishay Sprague, Inc.

No.	Trademark	Legal Owner	Country	Reg.#	Reg. Date
1.	HVARC GUARD	Vishay Sprague, Inc.	United States	3256019	6/26/2007
2.	MICROTAN	Vishay Sprague, Inc.	United States	3526660	11/4/2008
3.	SPECTROL	Vishay Thin Film, LLC	United States	858837	10/22/1968
4.	SPRAGUE	Vishay Sprague, Inc.	United States	859,975	11/12/1968
5.	SUPERTAN	Vishay Sprague, Inc.	United States	1492049	6/14/1988
6.	TANTAMOUNT	Vishay Sprague, Inc.	United States	1380243	1/28/1986
7.	VITRAMON	Vishay Sprague, Inc.	United States	1238139	5/17/1983
8.	VITRAMON	Vishay Sprague, Inc.	United States	839,908	3/10/1966
9.	SPRAGUE	Vishay Sprague, Inc.	United States	3762167	3/23/2016
10.	CERA-MITE	Vishay Sprague, Inc.	United States	2326097	3/7/2000