PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5358368

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME

CONVEYING PARTY DATA

Name	Execution Date
VISHAY DALE ELECTRONICS, INC.	03/27/2015

RECEIVING PARTY DATA

Name:	VISHAY DALE ELECTRONICS, LLC
Street Address:	1122 23RD STREET
City:	COLUMBUS
State/Country:	NEBRASKA
Postal Code:	68601

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13750762

CORRESPONDENCE DATA

Fax Number:

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.

Email: emcginty@vklaw.com

Correspondent Name: VOLPE AND KOENIG, P.C. Address Line 1: 30 SOUTH 17TH STREET

Address Line 2: SUITE 1800

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	VIID003-P10012US00	
NAME OF SUBMITTER: MICHAEL F. SNYDER		
SIGNATURE:	/Michael F. Snyder/	
DATE SIGNED:	02/04/2019	

Total Attachments: 4

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PATENT 505311588 REEL: 048259 FRAME: 0015

Delaware

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "VISHAY DALE ELECTRONICS, INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "VISHAY DALE ELECTRONICS, INC." TO "VISHAY DALE ELECTRONICS, LLC", FILED IN THIS OFFICE ON THE TWENTY-SIXTH DAY OF MARCH, A.D. 2015, AT 5:23 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE FIRST DAY OF APRIL, A.D. 2015.

0917595 8100V

150418573

DATE: 03-27-15

AUTHENT\CATION: 2241283

PATENT REEL: 048259 FRAME: 0016

Jeffrey W. Bullock, Secretary of State

You may verify this certificate online at corp.delaware.gov/authver.shtml

State of Delaware Secretary of State Division of Corporations Delivered 05:23 PM 03/26/2015 FILED 05:23 PM 03/26/2015 SRV 150418573 - 0917595 FILE

STATE OF DELAWARE CERTIFICATE OF CONVERSION FROM A CORPORATION TO A LIMITED LIABILITY COMPANY PURSUANT TO SECTION 18-214 OF THE LIMITED LIABILITY ACT

- 1. The jurisdiction where the Corporation first formed is the State of Delaware.
- 2. The jurisdiction immediately prior to filing this Certificate is the State of Delaware.
- 3. The date the corporation first formed is July 1, 1981.
- 4. The name of the Corporation immediately prior to filing this Certificate is Vishay Dale Electronics, Inc..
- 5. The name of the Limited Liability Company as set forth in the Certificate of Formation is Vishay Dale Electronics, LLC.
- 6. The Conversion of the Corporation to a limited liability company shall be effective on April 1, 2015.

IN WITNESS WHEREOF, the undersigned have executed this certificate on the _____ day of March 2015.

Name: David L. Tomlinson Title: Authorized Person

> PATENT REEL: 048259 FRAME: 0017

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF CERTIFICATE OF FORMATION OF "VISHAY DALE ELECTRONICS, LLC" FILED IN THIS OFFICE ON THE TWENTY-SIXTH DAY OF MARCH, A.D. 2015, AT 5:23 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF FORMATION IS THE FIRST DAY OF APRIL, A.D. 2015.

0917595 8100V

150418573

DATE: 03-27-15 You may verify this certificate online at corp.delaware.gov/authver.shtml

> **PATENT REEL: 048259 FRAME: 0018**

Jeffrey W. Bullock, Secretary of State

AUTHENT\CATION: 2241283

State of Delaware Secretary of State Division of Corporations Delivered 05:23 PM 03/26/2015 FILED 05:23 PM 03/26/2015 SRV 150418573 - 0917595 FILE

STATE OF DELAWARE

LIMITED LIABILITY COMPANY

CERTIFICATE OF FORMATION

OF

VISHAY DALE ELECTRONICS, LLC

The undersigned, an authorized natural person, for the purpose of forming a limited liability company under the provisions and subject to the requirements of the State of Delaware (particularly Chapter 18, Title 6 of the Delaware Code and the acts amendatory thereof and supplemental thereto, and known, identified, and referred to as the "Delaware Limited Liability Company Act"), hereby certifies that:

FIRST: The name of the limited liability company is Vishay Dale Electronics, LLC (the "Company").

SECOND: The address of the registered office and the name and the address of the registered agent of the Company required to be maintained by Section 18-104 of the Delaware Limited Liability Company Act are: Corporation Service Company, 2711 Centerville Road, Suite 400, City of Wilmington, County of New Castle, Delaware 19808.

THIRD: The Formation of the limited liability company shall be effective on April 1, 2015.

In Witness Whereof, the undersigned have executed this Certificate of Formation this <u>A.3</u>—C day of March 2015.

Name: David L. Tomlinson Title: Authorized Person

> PATENT REEL: 048259 FRAME: 0019

RECORDED: 02/04/2019