

TRADEMARK ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Pulse Engineering, Inc.		10/28/2010	CORPORATION: DELAWARE

RECEIVING PARTY DATA

Name:	Pulse Electronics, Inc.
Street Address:	12220 World Trade Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92128
Entity Type:	CORPORATION: DELAWARE

PROPERTY NUMBERS Total: 15

Property Type	Number	Word Mark
Registration Number:	2410114	Z-BLOCKER
Registration Number:	2902945	ANTENNA SOURCEBOOK
Registration Number:	1562026	KULGLASS
Registration Number:	1002640	KULROD
Registration Number:	1121359	LARSEN
Registration Number:	1463364	
Registration Number:	2080733	
Registration Number:	2787947	PULSE
Serial Number:	77434185	PULSE
Serial Number:	77434243	PULSE
Registration Number:	1568116	PULSE
Registration Number:	1518684	PULSE ENGINEERING
Registration Number:	2451407	PULSEJACK
Registration Number:	2334506	SPOTS!

OP \$390.00 2410114

Registration Number:

1803124

VALOR

CORRESPONDENCE DATA

Fax Number: 3128767934

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

Phone: 312-876-3122

Email: trademarks.us@dentons.com

Correspondent Name: Dentons US LLP

Address Line 1: P.O. Box #061080

Address Line 2: Wacker Drive Station, Willis Tower

Address Line 4: Chicago, ILLINOIS 60606-1080

ATTORNEY DOCKET NUMBER:

10000641-0155

NAME OF SUBMITTER:

Carol Anne Been

Signature:

/Carol Anne Been/

Date:

07/02/2013

Total Attachments: 3

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AMENDED AND RESTATED
CERTIFICATE OF INCORPORATION
OF
PULSE ENGINEERING, INC.

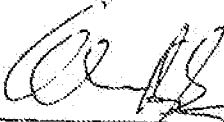
Pulse Engineering, Inc., a corporation organized and existing under the laws of the state of Delaware (the "Corporation"), does hereby certify as follows:

- A. The Corporation was originally incorporated under the name "Teco Sub, Inc." and its original Certificate of Incorporation was filed with the Delaware Secretary of State on May 15, 1995.
- B. This Amended and Restated Certificate of Incorporation (the "Restated Certificate") was duly adopted by the Board of Directors and the sole stockholder of the Corporation in accordance with Sections 141, 228, 242 and 245 of the General Corporation Law of the State of Delaware, as amended (the "DGCL"), solely to reflect the change of the Corporation's name from "Pulse Engineering, Inc." to "Pulse Electronics, Inc."
- C. This Restated Certificate restates, integrates, and further amends the provisions of the Certificate of Incorporation of the Corporation.
- D. The effective time of the Restated Certificate shall be November 8, 2010 ("Effective Time").
- E. The text of the Certificate of Incorporation shall, at the Effective Time, be amended and restated to read in its entirety as follows:
 1. The name of the Corporation is: Pulse Electronics, Inc.
 2. The address of the Corporation's registered office in the State of Delaware is: Corporation Trust Center, 1209 Orange Street, City of Wilmington, County of New Castle. The name of its registered agent is The Corporation Trust Company.
 3. The nature of the business or purposes to be conducted or promoted is to engage in any lawful act or activity for which corporations may be organized under the General Corporation Law of Delaware, as amended.
 4. The aggregate number of shares of stock which the Corporation shall have authority to issue is One Thousand Five Hundred (1,500) shares. Each share of stock shall have a par value of One Dollar (\$1.00) per share.
 5. The board of directors is authorized to make, alter or repeal the by-laws of the Corporation. Election of directors need not be by written ballot.

6. (a) Each director of the Corporation shall not be personally liable to the Corporation or its stockholders for monetary damages for breach of fiduciary duty as a director, except for liability (i) for any breach of such director's duty of loyalty to the Corporation or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of the law, (iii) under Section 174 of the General Corporation Law of the State of Delaware, or (iv) for any transaction from which such director derived any improper personal benefit. Notwithstanding any amendment to the General Corporation Law of the State of Delaware subsequent to the date hereof so as to increase the personal liability of directors, the liability of each director of the Corporation shall not be so increased but shall remain eliminated or limited to the fullest extent permitted by the General Corporation Law of the State of Delaware as of the date of this filing.
- (b) Any repeal or modification of the foregoing subparagraph by the stockholders of the corporation shall not adversely affect any right or protection of a director of the Corporation existing at the time of such repeal or modification.
7. Expenses incurred by an officer or director in defending a civil or criminal action, suit or proceeding will be paid by the Corporation in advance of the final disposition of such action, suit or proceeding upon receipt of an undertaking by or on behalf of such director or officer to repay such amount if it is ultimately determined that he is not entitled to be indemnified by the Corporation as authorized in Section 145 of the General Corporation Law of the State of Delaware, as amended.
8. The Corporation is to have perpetual existence.

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned Secretary of the Corporation hereto has caused this Amended and Restated Certificate of Incorporation to be duly executed as of the 28th day of October, 2010.

By: 
Name: Alan H. Benjamin
Title: President