

## Listing of PCNs

### Introduction

This file contains PCN information for the product(s) referenced by the file name.

Note that the file may contain multiple PCNs. If this is the case, they are arranged in chronological order, so to see the most recent PCN scroll to the end.

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### General Note

TT Electronics reserves the right to make changes in product specification without notice or liability.  
All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

## Resistors Product Change Notification

|   |   |
|---|---|
| <b>PCN Number</b>                         | PCN-2020-RBU04  |
| <b>PCN Title</b>                          | <b>End Of Life Notification:</b> AS, LAS, T, PW, PPW, PWR, PWRL, LPW, 4LPW, PLO, PWE, PWHW Series Resistors   |
| <b>PCN Date</b>                           | 1 <sup>st</sup> June 2020   |
| <b>Type of Change</b>                     | <input checked="" type="checkbox"/> End of Life Notification<br><input type="checkbox"/> Manufacturing Facility Change or Addition<br><input type="checkbox"/> Datasheet Specification Change<br><input type="checkbox"/> Other:<br><input type="checkbox"/> Material Change<br><input type="checkbox"/> Process Change<br><input type="checkbox"/> Design Change |
| <b>Manufacturing Location(s) Affected</b> | TT Electronics Barbados & TT Electronics Mexicali   |
| <b>Date of Change Implementation</b>      | 31 <sup>st</sup> March 2021   |

| Products Affected          |   |
|----------------------------|---|
| TTE Product Series         | Datasheet Link  |
| PW & All Custom Variants   | <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/PW-Axial.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/PW-Axial.pdf</a>   |
| PPW & All Custom Variants  | <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/PPW.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/PPW.pdf</a>             |
| PWR & All Custom Variants  | <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/PWR.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/PWR.pdf</a>             |
| PWRL & All Custom Variants | <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/PWRL.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/PWRL.pdf</a>           |
| LPW & All Custom Variants  | <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/LPW.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/LPW.pdf</a>             |
| 4LPW & All Custom Variants | <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/4LPW.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/4LPW.pdf</a>           |
| PLO & All Custom Variants  | <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/PLO.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/PLO.pdf</a>             |
| PWE & All Custom Variants  | <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/PW-Radial.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/PW-Radial.pdf</a> |
| PWHW & All Custom Variants | <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/PWHW.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/PWHW.pdf</a>           |
| AS & All Custom Variants   | <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/AS.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/AS.pdf</a>               |
| LAS & All Custom Variants  | <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/LAS.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/LAS.pdf</a>             |
| T & All Custom Variants    | <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/T-NT.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/T-NT.pdf</a>           |

| Change Detail  |
|--|
| <p><b>Description of Change</b></p> <p>TT Electronics is declaring that the products listed above are being taking End Of Life<br/>           Please note - production of the NT &amp; NAS is being transferred from TT Electronics Barbados to TT Electronics Mexicali (refer to TT Electronics PCN-2020-RBU05 for details)</p> |

|  |  |
|--|--|
| <b>Reason for Change</b>                               | Product is no longer economically viable to manufacture in Barbados  |
| <b>Implementation Plan</b>                             | A Last Time Buy is available until 30 <sup>th</sup> September 2020 with a final ship date of 31 <sup>st</sup> March 2021   |
| <b>Customer Impact</b>                                 | Parts will be EOL and unavailable to order after 30 <sup>th</sup> September 2020<br>Alternative products, from the SQM, SQP, WPRT, WPS & WHS series are available for a wide selection of the parts being taken EOL. Details can be found in Appendix 1.   |
| <b>Recommendations</b>                                 | Customers are advised to place Last Time Buy orders in line with their requirements or approve an alternative product from SQP, SQM or WPRT Series where possible.<br>Application specific requirements should be discussed with your local TT Electronics Sales Representative  |
| <b>Availability of Previously Manufactured Product</b> | N/A  |
| <b>Availability of Approval Samples</b>                | Samples of SQM, SQP, WPRT, WPS & WHS are available on request  |
| <b>Sales Contacts</b>                                  | Americas OEM: Mike Graham <a href="mailto:Mike.graham@ttelelectronics.com">Mike.graham@ttelelectronics.com</a><br>Europe OEM: Klaus Zwerschina <a href="mailto:Klaus.zwerschina@ttelelectronics.com">Klaus.zwerschina@ttelelectronics.com</a><br>Asia OEM: Janson Chuen <a href="mailto:janson.chuen@ttelelectronics.com">janson.chuen@ttelelectronics.com</a><br>Americas Distribution: Corey Harrelson <a href="mailto:Corey.harrelson@ttelelectronics.com">Corey.harrelson@ttelelectronics.com</a><br>Europe Distribution: Claudia Patzak-Kruger <a href="mailto:Claudia.patzak@ttelelectronics.com">Claudia.patzak@ttelelectronics.com</a><br>Asia Distribution: Kuek Joo Wee <a href="mailto:joowee.kuek@ttelelectronics.com">joowee.kuek@ttelelectronics.com</a> |

| <b>Approvals</b>   |                  |                                     |                            |
|--------------------|------------------|-------------------------------------|----------------------------|
|                    | <b>Name</b>      | <b>Title</b>                        | <b>Date</b>                |
| <b>Issued by</b>   | David Peters     | Product Line Manager                | 01 <sup>st</sup> June 2020 |
| <b>Approved by</b> | Barry Peters     | VP Product Management & Engineering | 01 <sup>st</sup> June 2020 |
| <b>Approved by</b> | Klaus Zwerschina | Global Sales Director               | 01 <sup>st</sup> June 2020 |

## Appendix 1 – Ceramic Housed & Silicone Coated Wire wound Replacements

| Series | Type      | Replacement               | Comments   |
|--------|-----------|---------------------------|--|
| 4LPW   | 4LPW10    | None                      |  |
| 4LPW   | 4LPW15    | None                      |  |
| 4LPW   | 4LPW3     | None                      |  |
| 4LPW   | 4LPW5     | None                      |  |
| 4LPW   | 4LPW7     | None                      |  |
| LPW    | LPW10     | None                      |  |
| LPW    | LPW15     | None                      |  |
| LPW    | LPW3      | None                      |  |
| LPW    | LPW5      | None                      |  |
| LPW    | LPW7      | None                      |  |
| PPW    | PPW10     | SQP10                     | Termination leadlength shorter                     |
| PPW    | PPW15     | SQP15                     | Termination leadlength shorter                     |
| PPW    | PPW2      | SQP2                      | Termination leadlength shorter                     |
| PPW    | PPW3      | SQP3                      | Termination leadlength shorter                     |
| PPW    | PPW5      | SQP5                      | Termination leadlength shorter                     |
| PPW    | PPW7      | SQP7                      | Termination leadlength shorter                     |
| PW     | PW10      | SQP10                     | Termination leadlength shorter                     |
| PW     | PW10A     | CAF10A / CAW10A           | Termination leadlength shorter                     |
| PW     | PW15      | SQP15                     | Termination leadlength shorter                     |
| PW     | PW15A     | none in alternate config. |  |
| PW     | PW18      | None                      |  |
| PW     | PW18A     | None                      |  |
| PW     | PW2       | SQP2                      | Termination leadlength shorter                     |
| PW     | PW20E     | WPRT20A                   | Terminals rotated                                  |
| PW     | PW22      | None                      |  |
| PW     | PW22A     | none in alternate config. |  |
| PW     | PW25      | CAW25                     |  |
| PW     | PW25A     | none in alternate config. |  |
| PW     | PW2A      | CAF2A / CAW2A             | Termination leadlength shorter                     |
| PW     | PW3       | SQP3                      | Termination leadlength shorter                     |
| PW     | PW30      | WPRT30AB                  | Terminals rotated, 10mm longer, 6mm wider & higher |
| PW     | PW3A      | none in alternate config. |  |
| PW     | PW40      | WPRT40AB                  | Terminals rotated, 14mm longer, 6mm wider & higher |
| PW     | PW5       | SQP5                      | Termination leadlength shorter                     |
| PW     | PW50E     | WPRT50AB                  | Terminals rotated, 6mm wider & higher              |
| PW     | PW5A      | CAF5A / CAW5A             | Termination leadlength shorter                     |
| PW     | PW7       | SQP7                      | Termination leadlength shorter                     |
| PW     | PW7A      | CAF7A / CAW7A             | Termination leadlength shorter                     |
| PWR    | PWR10     | SQM10                     | 15mm taller, 3 to 4mm narrower                     |
| PWR    | PWR3      | SQM3                      |  |
| PWR    | PWR5      | SQM5                      |  |
| PWR    | PWR7      | SQM7                      |  |
| PWRL   | PWRL10    | None                      |  |
| PWRL   | PWRL3     | None                      |  |
| PWRL   | PWRL5     | None                      |  |
| PWRL   | PWRL7     | None                      |  |
| AS     | All Sizes | WPS or WHS Series         |  |
| T      | All Sizes | WPS or WHS Series         |  |