

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.

Resistors Product Change Notification

PCN Number	PCN-2024-RBU02 - EOL 3810 RESISTOR VALUES ABOVE 50G Ohm
PCN Title	EOL Announcement – 3810 family (3810-3811-3812)
PCN Date	4 th March 2024
Type of Change	<input checked="" type="checkbox"/> End of Life Notification <input type="checkbox"/> Material Change <input type="checkbox"/> Manufacturing Facility Change or Addition <input type="checkbox"/> Process Change <input type="checkbox"/> Datasheet Specification Change <input type="checkbox"/> Design Change <input type="checkbox"/> Other:
Manufacturing Location(s) Affected	TT Electronics Bedlington
Date of Change Implementation	12 th March 2024

Products Affected	
TT Series	Datasheet Link
3810 family	https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/3810.pdf

Change Detail	
Description of Change	<p>TT Electronics is announcing that the thick film resistor material used to resistors value above 50G Ohm on the 3800 series was unexpectedly and very suddenly made obsolete. Therefore, we cannot currently manufacture product.</p> <p>Explanation of families range of all affected part numbers can be found in Appendix 1.</p>
Reason for Change	No valid alternative material at the moment.
Implementation Plan	A Last Time Buy is not available, all part numbers with resistors value above 50G Ohm are EOL and unavailable to order with immediate effect.
Customer Impact	All part numbers with resistors value above 50G Ohm are EOL and unavailable to order from TT Electronics.
Recommendations	No action required, this PCN is for information only and to formally note the EOL of these obsolete products.
Availability of Previously Manufactured Product	Product will be unavailable to order with immediate effect.
Availability of Approval Samples	N/A
Sales Contacts	Americas: Kevin Marzano kevin.marzano@ttelectronics.com

	Europe: Claudia Patzak-Kruger Claudia.patzak@ttelelectronics.com Asia: Janson Chuen janson.chuen@ttelelectronics.com
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Approvals			
	Name	Title	Date
Issued by	Mario Garsi	Product Line Manager	11 th March 2024
Approved by	Heather Baird	VP Product Management	11 th March 2024
Approved by	Klaus Zwerschina	VP Sales	11 th March 2024

Appendix 1

Applies to the following part numbers only:

3810 products with resistor value above to 50G Ohm

3811 products with resistor value above to 50G Ohm

All the 3812 products

Resistors Product Change Notification

PCN Number	PCN-2024-RBU03 – Families 3810 TCR and VCR values updated
PCN Title	Datasheet Update – 3810 family (3810-3811)
PCN Date	27 th March 2024
Type of Change	<input type="checkbox"/> End of Life Notification <input type="checkbox"/> Manufacturing Facility Change or Addition <input checked="" type="checkbox"/> Datasheet Specification Change <input type="checkbox"/> Other: <input checked="" type="checkbox"/> Material Change <input type="checkbox"/> Process Change <input type="checkbox"/> Design Change
Manufacturing Location(s) Affected	TT Electronics Bedlington
Date of Change Implementation	27 th March 2024

Products Affected	
TT Series	Datasheet Link
3810 family	https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/3810.pdf

Change Detail	
Description of Change	The 3810 series data sheet has been updated with new Electrical Data parameters for TCR and VCR. Other parameters remain the same. Details of the changes can be seen in Appendix 1.
Reason for Change	The resistive element material is obsolete. An alternative material has been identified and approved. TT Electronics has extensive experience of this alternative material as it is used for T series high voltage precision thick film resistors.
Implementation Plan	The alternative material is approved and in place for manufacture of these parts.
Customer Impact	All current and future orders for 3810 series products will be manufactured using the new resistor material.
Recommendations	No action required, this PCN is for information only.
Availability of Previously Manufactured Product	No product manufactured with the previous resistor material is now available.
Availability of Approval Samples	Samples can be manufactured on request.
Sales Contacts	Americas: Kevin Marzano kevin.marzano@ttelectronics.com Europe: Claudia Patzak-Kruger Claudia.patzak@ttelectronics.com Asia: Janson Chuen janson.chuen@ttelectronics.com

Approvals			
	Name	Title	Date
Issued by	Mario Garsi	Product Line Manager	26 th March 2024
Approved by	Heather Baird	VP Product Management	26 th March 2024
Approved by	Klaus Zwerschina	VP Sales	26 th March 2024

APPENDIX 1: Details of changes to data sheet

Changes to TCR characteristic:

	Previous material/data sheet	Current material/datasheet
TCR (20°C to 70°C) ppm/°C	-500 to -3500	0 to -500

Changes to VCR characteristic:

	Previous material/data sheet			Current material/datasheet			
		3810	3811	3810		3811	
VCR (100 to 500V) ppm/V	100MΩ	-20	-10	≤5GΩ	-40	≤10GΩ	-20
	1TΩ	-160	-80	>5GΩ	-400	>10GΩ	-200