

## 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 and Title</b>	<b>2014-RBU04: Relocation of Metal Glaze Dip / Fire operations</b>		
<b>Notification Launch Date</b>	October 1, 2014		
<b>Type of Change</b>	<input type="checkbox"/> End of Life Notification <input checked="" type="checkbox"/> Manufacturing Facility Change or Addition <input type="checkbox"/> Datasheet Specification Change <input type="checkbox"/> Other: <span style="float: right;"> <input type="checkbox"/> Material Change  <input type="checkbox"/> Process Change  <input type="checkbox"/> Design Change         </span>		
<b>Manufacturing Location(s) Affected</b>	Fullerton / Corpus Christi	<b>Date of Change Implementation</b>	November 15, 2014

<b>Products Affected</b>		
<b>Product Family</b>	<b>Datasheet Link(s)</b>	<b>Comment</b>
BIN		Not a marketed product
CGH	<a href="http://www.irctt.com/file.aspx?product_id=139&amp;file_type=datasheet">http://www.irctt.com/file.aspx?product_id=139&amp;file_type=datasheet</a> ,	
CGX	<a href="http://www.irctt.com/file.aspx?product_id=140&amp;file_type=datasheet">http://www.irctt.com/file.aspx?product_id=140&amp;file_type=datasheet</a>	
CHP	<a href="http://www.irctt.com/file.aspx?product_id=1&amp;file_type=datasheet">http://www.irctt.com/file.aspx?product_id=1&amp;file_type=datasheet</a>	
CHP-1X	<a href="http://www.irctt.com/file.aspx?product_id=2&amp;file_type=datasheet">http://www.irctt.com/file.aspx?product_id=2&amp;file_type=datasheet</a>	
CMH	<a href="http://www.irctt.com/file.aspx?product_id=192&amp;file_type=datasheet">http://www.irctt.com/file.aspx?product_id=192&amp;file_type=datasheet</a>	
GF	<a href="http://www.irctt.com/file.aspx?product_id=118&amp;file_type=datasheet">http://www.irctt.com/file.aspx?product_id=118&amp;file_type=datasheet</a>	
GS-3	<a href="http://www.irctt.com/file.aspx?product_id=36&amp;file_type=datasheet">http://www.irctt.com/file.aspx?product_id=36&amp;file_type=datasheet</a>	
HSC		Limited marketing – datasheet not on line
HSF	<a href="http://www.irctt.com/file.aspx?product_id=70&amp;file_type=datasheet">http://www.irctt.com/file.aspx?product_id=70&amp;file_type=datasheet</a>	
MCHP	<a href="http://www.irctt.com/file.aspx?product_id=190&amp;file_type=datasheet">http://www.irctt.com/file.aspx?product_id=190&amp;file_type=datasheet</a>	
MM	<a href="http://www.irctt.com/file.aspx?product_id=71&amp;file_type=datasheet">http://www.irctt.com/file.aspx?product_id=71&amp;file_type=datasheet</a>	
MRC	<a href="http://www.irctt.com/file.aspx?product_id=347&amp;file_type=datasheet">http://www.irctt.com/file.aspx?product_id=347&amp;file_type=datasheet</a>	
PPS	<a href="http://www.irctt.com/file.aspx?product_id=9&amp;file_type=datasheet">http://www.irctt.com/file.aspx?product_id=9&amp;file_type=datasheet</a>	
PWRG	<a href="http://www.irctt.com/file.aspx?product_id=45&amp;file_type=datasheet">http://www.irctt.com/file.aspx?product_id=45&amp;file_type=datasheet</a>	
RG	<a href="http://www.irctt.com/file.aspx?product_id=87&amp;file_type=datasheet">http://www.irctt.com/file.aspx?product_id=87&amp;file_type=datasheet</a>	
RGT	<a href="http://www.irctt.com/file.aspx?product_id=157&amp;file_type=datasheet">http://www.irctt.com/file.aspx?product_id=157&amp;file_type=datasheet</a>	
RLR	<a href="http://www.irctt.com/file.aspx?product_id=196&amp;file_type=datasheet">http://www.irctt.com/file.aspx?product_id=196&amp;file_type=datasheet</a>	
RN	<a href="http://www.irctt.com/file.aspx?product_id=197&amp;file_type=datasheet">http://www.irctt.com/file.aspx?product_id=197&amp;file_type=datasheet</a>	
SMC	<a href="http://www.irctt.com/file.aspx?product_id=30&amp;file_type=datasheet">http://www.irctt.com/file.aspx?product_id=30&amp;file_type=datasheet</a>	

<b>Description of Change</b>	The initial activities of the Metal Glaze lines will be relocated to Corpus Christi, Texas by the end of October, 2014. This includes production of glazed rods that are shipped to Mexicali. No changes will be implemented for Mexicali operations.
<b>Reason for Change</b>	In response to Fixed Resistors' withdrawal from the Fullerton facility, the initial activities of the Metal Glaze lines must be relocated. These activities will be relocated from Fullerton, California to Corpus Christi, Texas by November 2014.
<b>Implementation Plan</b>	TT electronics will manage inventory and WIP to avoid shipping disruptions.
<b>Customer Impact</b>	No impact is expected for ongoing customers.
<b>Recommendations</b>	Sales should notify the factory for new business initial orders or non-recurring business if delivery is anticipated in the November – December time frame to allow for appropriate inventory planning.
<b>Availability of Previously Manufactured Product</b>	Addressed in the Implementation Plan section
<b>Sales Contacts</b>	EMEA: Armando Marnati <a href="mailto:Armando.Marnati@ttelectronics.com">Armando.Marnati@ttelectronics.com</a> Americas: Mike Graham <a href="mailto:Mike.Graham@ttelectronics.com">Mike.Graham@ttelectronics.com</a> Asia/Pacific: Janson Chuen <a href="mailto:Janson.Chuen@ttelectronics.com">Janson.Chuen@ttelectronics.com</a>

<b>Title</b>	<b>Name</b>	<b>Signature / Date</b>
<b>Product Line Manager</b>	David Winker	XXXXXXXXXX XXXXXXXXXX July 1, 2014
<b>Global Product Line Director</b>	Barry Peters	XXXXXXX July 1, 2014
<b>Global Sales Director</b>	Klaus Zwerschina	XXXXXXXXXX XXXXXXXXXX July 1, 2014



**Additional Information:**



[www.ttelectronics.com](http://www.ttelectronics.com)



## Resistors Product Change Notification

<b>PCN Number</b>	PCN-2019-RBU04
<b>PCN Title</b>	EOL Notification – CHP, MCHP, CHP1X, ZCHP, HSC, SMC, HSF, MM, CGH, CMH, CGX, PPS, MRC and DPR3 Series
<b>PCN Date</b>	01 <sup>st</sup> April 2019
<b>Type of Change</b>	<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:
<b>Manufacturing Location(s) Affected</b>	TT Electronics Mexicali
<b>Date of Change Implementation</b>	01 <sup>st</sup> April 2019

Products Affected		
Product Series	Product Type(s)	Datasheet Link
CHP	All CHP Series including Custom Variants	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/CHP.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/CHP.pdf</a>
MCHP	All MCHP Series including Custom Variants	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/MCHP.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/MCHP.pdf</a>
CHP1X	All CHP1X including Custom Variants	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/CHP-1X.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/CHP-1X.pdf</a>
ZCHP	All ZCHP Series including Custom Variants	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/ZCHP.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/ZCHP.pdf</a>
HSC	All HSC Series including Custom Variants	<i>Datasheet Not Available Online</i>
SMC	All SMC Series including Custom Variants	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/SMC.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/SMC.pdf</a>
HSF	All HSF Series including Custom Variants	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/HSF.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/HSF.pdf</a>
MM	All MM Series including Custom Variants	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/MM.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/MM.pdf</a>
CGH	All CGH Series including Custom Variants	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/CGH.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/CGH.pdf</a>
CMH	All CMH Series including Custom Variants	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/CMH.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/CMH.pdf</a>
CGX	All CGX Series including Custom Variants	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/CGX.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/CGX.pdf</a>
PPS	All PPS Series including Custom Variants	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/PPS-1.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/PPS-1.pdf</a>
MRC	All MRC Series including Custom Variants	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/MRC.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/MRC.pdf</a>
DPR3	All DP3 Series including Custom Variants	<i>Datasheet Not Available Online</i>

Change Detail	
<b>Description of Change</b>	TT Electronics is declaring that the subject part numbers are being taken End Of Life. Products included within this EOL notification are listed above MIL approved products and their associated DSCC numbers can be found in appendix 1
<b>Reason for Change</b>	Product is no longer economically viable to manufacture
<b>Implementation Plan</b>	Last time buy will be available until 30 <sup>th</sup> June 2019 to be shipped before 31 <sup>st</sup> November 2019
<b>Customer Impact</b>	Parts will be EOL and unavailable to order after the 30 <sup>th</sup> June 2019
<b>Recommendations</b>	LTB order to be placed before 30 <sup>th</sup> June 2019 TT Electronics are actively working on a drop in, like for like replacement however launch date for this product is unavailable at this time If a flat chip solution can be used, the HPWC series (Available now) or HDSC Series (Due to launch P4 2019) could be a suitable replacement. Application specific requirements should be discussed with your Sales Contact & FAE.  HPWC Datasheet Link: <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/HPWC.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/HPWC.pdf</a>
<b>Availability of Previously Manufactured Product</b>	NA
<b>Availability of Approval Samples</b>	Samples of HPWC & HDSC Series can be obtained via your relevant sales contact
<b>Sales Contacts</b>	Americas (OEM): Kevin Marzano <a href="mailto:Kevin.marzano@ttelectronics.com">Kevin.marzano@ttelectronics.com</a> Europe (OEM): Peter Bauer <a href="mailto:Peter.bauer@ttelectronics.com">Peter.bauer@ttelectronics.com</a> Asia (OEM): Janson Chuen <a href="mailto:janson.chuen@ttelectronics.com">janson.chuen@ttelectronics.com</a> Americas Distribution: Jason Gildea <a href="mailto:jason.gildea@ttelectronics.com">jason.gildea@ttelectronics.com</a> Europe (EMEA) Distribution: Claudia Patzak-Kruger <a href="mailto:Claudia.Patzak-Kruger@ttelectronics.com">Claudia.Patzak-Kruger@ttelectronics.com</a> Asia Distribution: Willis Ong <a href="mailto:Willis.Ong@ttelectronics.com">Willis.Ong@ttelectronics.com</a>

Approval			
	Name	Title	Date
<b>Issued by</b>	David Peters	Product Line Manager	01 <sup>st</sup> April 2019
<b>Approved by</b>	Barry Peters	VP Product Management & Engineering	01 <sup>st</sup> April 2019
<b>Approved by</b>	Guy Millard	VP & GM Resistors Business Unit	01 <sup>st</sup> April 2019

Appendix 1

MIL approved parts and their DSCC numbers

Series	Type	DSCC Number	Description
CMH	CMH1	MIL-R-49462 / M49462	High voltage axial, MIL released
CMH	CMH1/2	MIL-R-49462 / M49462	High voltage axial, MIL released
CMH	CMH1/4	MIL-R-49462 / M49462	High voltage axial, MIL released
CMH	CMH2	MIL-R-49462 / M49462	High voltage axial, MIL released
CMH	CMH3	MIL-R-49462 / M49462	High voltage axial, MIL released
CMH	CMH5	MIL-R-49462 / M49462	High voltage axial, MIL released
MCHP	MCHP1	95006	High reliability cylindrical high power surface mount metal glaze
MCHP	MCHP1/2	94048	High reliability cylindrical high power surface mount metal glaze
MCHP	MCHP1/8	95011	High reliability cylindrical high power surface mount metal glaze
MCHP	MCHP2	94047	High reliability cylindrical high power surface mount metal glaze