

# Resistors Product Change Notification

<b>PCN Number</b>	PCN-2024-RBU04 – EOL LH3 Families
<b>PCN Title</b>	<b>EOL LH3 Families</b>
<b>PCN Date</b>	18 <sup>th</sup> July 2024
<b>Type of Change</b>	<input checked="" type="checkbox"/> End of Life Notification <input type="checkbox"/> Manufacturing Facility Change or Addition <input type="checkbox"/> Datasheet Specification Change <input type="checkbox"/> Other: <input type="checkbox"/> Material Change <input type="checkbox"/> Process Change <input type="checkbox"/> Design Change
<b>Manufacturing Location(s) Affected</b>	TT Electronics Mexicali
<b>Date of Change Implementation</b>	18 <sup>th</sup> July 2024

Products Affected	
TT Series	Datasheet Link
SX-4289	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4289.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4289.pdf</a>
SX-4300	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4300.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4300.pdf</a>
SX-4388	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4388.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4388.pdf</a>
SX-4404	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4404.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4404.pdf</a>
SX-4413	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4413.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4413.pdf</a>
SX-4414	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4414.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4414.pdf</a>
SX-4429	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4429.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4429.pdf</a>
SX-4471	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4471.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4471.pdf</a>
SX-4472	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4472.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4472.pdf</a>
SX-4473	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4473.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4473.pdf</a>
SX-4474	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4474.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4474.pdf</a>
SX-4475	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4475.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4475.pdf</a>
SX-4491	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4491.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4491.pdf</a>
SX-4492	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4492.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4492.pdf</a>
SX-4505	<a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4505.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Datasheet/SX-4505.pdf</a>

Change Detail	
<b>Description of Change</b>	TT Electronics is announcing that the LH3 families are being taken End of Life, (EOL). This applies to all variants of the series. The list of all the part number can be found in Appendix 1.

<b>Reason for Change</b>	Declining volumes along with maturing manufacturing equipment does not justify a long term manufacture of this product group.
<b>Implementation Plan</b>	Declining demand coupled with manufacturing equipment failures means it is no longer possible or economically viable to manufacture these products.
<b>Customer Impact</b>	All part numbers are end of life with immediate effect. Last Time Buy is possible until Sep 30, 2024.
<b>Recommendations</b>	Deliveries up to Dec 31st, 2025. All orders scheduled for delivery in 2024 will be on 2024 pricing. All orders for delivery in 2025 will be priced after complete LTB volume is established as subject on volume, raw material pricing and factory capacity.
<b>Availability of Previously Manufactured Product</b>	N/A
<b>Availability of Approval Samples</b>	N/A
<b>Sales Contacts</b>	Americas: Greg Hawkins <a href="mailto:greg.hawkins@ttelectronics.com">greg.hawkins@ttelectronics.com</a> Europe: Claudia Patzak-Kruger <a href="mailto:Claudia.patzak@ttelectronics.com">Claudia.patzak@ttelectronics.com</a> Asia: Janson Chuen <a href="mailto:janson.chuen@ttelectronics.com">janson.chuen@ttelectronics.com</a>

Approvals			
	Name	Title	Date
<b>Issued by</b>	Mario Garsi	Product Line Manager	18 <sup>th</sup> July 2024
<b>Approved by</b>	Rodolfo Rubio Ortiz	VP General Manager	18 <sup>th</sup> July 2024
<b>Approved by</b>	Klaus Zwerschina	VP Channel Sales	18 <sup>th</sup> July 2024

**APPENDIX 1: List of EOL part numbers:**

Material	Description
SX-4252J	EPS SENSOR - Delphi-Saginaw iss 8
SX-4266A	EPS SENSOR - Delphi-Saginaw iss 3
SX-4268B	EPS Sensor - Delphi iss 2
SX-4271A	EPS SENSOR - Delphi-Saginaw iss 2
SX-4274D	EPS Sensor - Dephi Saginaw iss 10
SX-4275A	Sensor - Delphi Saginaw iss 1

SX-4277A	EPS Sensor - Dephi Saginaw	iss 1
SX-4284C	LH3 TAS ST - Nexteer	iss 6
SX-4285B	Obsoleted - LH3 TAS ST - Nexteer	iss 4
SX-4285C	Obsolete - LH3 TAS ST - Nexteer	iss 4
SX-4285D	LH3 TAS ST - Nexteer	iss 6
SX-4286B	Obsolete - Nexteer	iss 3
SX-4286D	LH3 TAS MT - Nexteer	iss 5
SX-4287A	EPS SENSOR - Delphi-Saginaw	
SX-4289A	LH3 TAS ST - standard product	
SX-4293E	LH3 TAS ST - Nexteer	iss 7
SX-4294E	LH3 TAS ST - Nexteer	iss 4
SX-4297C	LH3 TOS - Mercedes Benz	iss 7
SX-4300A	LH3 TAS MT - Standard Product	iss 3
SX-4301B	LH3 TAS MT - TRW	
SX-4310A	LH3 TAS MT - TRW	
SX-4319B	LH3 TAS ST - Nexteer	iss 4
SX-4320B	LH3 TAS MT - Nexteer	iss 2
SX-4323A	LH3 TAS ST - Mando	iss 1
SX-4325B	LH3 TAS MT - TRW	iss 1
SX-4326A	LH3 TAS MT - TRW	iss 1
SX-4327C	LH3 TAS ST - Mando	iss 4
SX-4335E	LH3 TAS ST - Nexteer	iss 5
SX-4336A	LH3 TAS MT - Standard Product	iss 5
SX-4337C	LH3 - IPC	iss 1
SX-4340A	LH3 TOS - Mando	iss 4
SX-4345F	Fuel Level Sensor - Medallion	

SX-4348A	GHSP 2 Trk, 1 Sprg Sensor	
SX-4349A	GHSP 3 Trk, 2 Sprg Sensor	
SX-4354A	LH3 TAS ST - Nexteer	iss 2
SX-4357A	GHSP 3 Trk, 1 Sprg Sensor	
SX-4358A	GHSP 2 Trk Sensor	
SX-4360A	GHSP 3 Trk, 2 Sprg Sensor	iss 2
SX-4364A	LH3 TAS ST - Nexteer	iss 1
SX-4365A	LH3 TAS MT - Nexteer	iss 1
SX-4366A	LH3 TAS MT - Nexteer	iss 2
SX-4377A	Obsoleted - LH3 Nexteer	iss 1
SX-4377B	LH3 TAS ST - Nexteer	iss 4
SX-4385B	LH3 TAS ST DC - Nexteer	iss 2
SX-4388A	LH3 TOS - Standard Product	iss 1
SX-4388B	Not Used - Torque Only Sensor	
SX-4389A	LH3 TAS ST - BBA Remaniss	iss 1
SX-4390B	LH3 TAS MT DC - Nexteer	iss 2
SX-4391B	LH3 TAS MT - Nexteer	iss 6
SX-4393A	LH3 TAS ST - Selva	iss 2
SX-4401A	LH3 TOS - Globe	iss 2
SX-4404A	LH3 TAS MT - Standard Product	iss 3
SX-4407B	LH3 TAS ST DC - Nexteer	iss 2
SX-4408B	LH3 TAS MT DC - Nexteer	iss 2
SX-4413A	LH3 TOS - Standard Product	iss 2
SX-4414A	LH3 TAS ST - STANDARD PRODUCT 5°	iss 2
SX-4418A	LH3 TAS ST - Nexteer	iss 2
SX-4420A	LH3 TAS ST - BYD	iss 2

SX-4421A	LH3 TAS MT - ZF China	iss 1
SX-4422A	LH3 TOS - Changrong China	iss 3
SX-4425A	LH3 TOS - MTD Products	iss 2
SX-4429A	LH3 SAS MT - STANDARD PRODUCT	iss 2
SX-4431A	LH3 TAS MT - Standard Product	iss 2
SX-4432A	LH3 TOS - Standard Product	iss 2
SX-4433A	LH3 TAS ST - Standard Product	iss 2
SX-4437A	LH3 TAS ST - Golden Bee	iss 2
SX-4440C	LH3 TAS MT - SAAE	iss 2
SX-4441A	LH3 TOS - Changrong	iss 3
SX-4442A	LH3 TAS ST - Emmetec	iss 2
SX-4443A	LH3 TAS ST - Emmetec	iss 2
SX-4447A	LH3 TOS - Yuanji	iss 2
SX-4449A	LH3 TAS MT - Chaoli	iss 2
SX-4450A	LH3 TAS MT - LongRun	iss 3
SX-4451A	Use this Rev - LH3 TOS - Sona Koyo	iss 2
SX-4451B	LH3 TOS - Sona Koyo	iss 2
SX-4452A	LH3 TOS - LongRun	iss 3
SX-4453A	LH3 TOS - LongRun	iss 3
SX-4454A	LH3 TAS ST - standard product	iss 2
SX-4455A	LH3 TAS ST - standard product	iss 2
SX-4456A	LH3 TAS ST - Standard Product	iss 2
SX-4458A	LH3 TAS MT - XainHe/Bejing	iss 2
SX-4458B	LH3 TAS MT - XainHe/Bejing	iss 3
SX-4458C	LH3 TAS MT - XainHe/Bejing	iss 1
SX-4458D	LH3 TAS MT - XainHe/Bejing	iss 1

SX-4459A	LH3 TOS ST - XainHe/Beijing	iss 2
SX-4467A	LH3 TAS MT - SAAE	iss 3
SX-4467B	LH3 TAS MT - SAAE	iss 1
SX-4471A	LH3 TAS ST DC - Standard Product	iss 1
SX-4472A	LH3 TAS MT DC - Standard Product	iss 1
SX-4473A	LH3 TAS ST DC - Standard Product	iss 1
SX-4474A	LH3 TAS MT DC - Standard Product	iss 1
SX-4475A	LH3 TAS ST - Standard Product	iss 1
SX-4476A	LH3 TAS MT - Standard Product	iss 1
SX-4479A	LH3 TAS ST - Standard Product	iss 1
SX-4485A	LH3 TAS ST - Standard Product	iss 1
SX-4486A	LH3 TAS ST - STANDARD PRODUCT	iss 1
SX-4487A	LH3 TAS MT - Standard Product	iss 1
SX-4488A	LH3 TAS MT - Changrong	iss 1
SX-4489A	LH3 TAS ST - Martella	iss 1
SX-4490A	LH3 TOS - Martella	iss 1
SX-4491A	LH3 TAS ST - Standard Product	iss 1
SX-4492A	LH3 TAS ST - Standard Product	iss 1
SX-4501A	LH3 TOS - Sona Koyo	iss 1
SX-4502A	Amer - LH3 TAS	iss 1
SX-4503A	LH3 TOS - SAAE	iss 1
SX-4503B	LH3 TOS - SAAE	iss 1
SX-4504A	LH3 TAS ST - SAAE	iss 1
SX-4505A	LH3 TOS - Standard Product	iss 1
SX-4508A	LH3 TOS - Xinhao	iss 1
SX-4515A	LH3 TAS MT - STANDARD PRODUCT	iss 1

SX-4537A	LH3 TAS MT - STANDARD PRODUCT	iss 1
SX-4539A	LH3 TAS MT - STANDARD PRODUCT	iss 1