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Sep 25th, 2025

Dear Valued Customers,

Littelfuse would like to inform that we will onboard a new silicon wafer supplier for Low Power Thyristor products to mitigate supply chain risks and ensure business continuity.

Littelfuse has completed the supplier integration process and qualification tests, below please refer to detail qualification result.

With the positive qualification test result, Littelfuse concluded to add the new silicon wafer supplier to the approved vendor list for production.

Form, fit, function changes	: None
Part number changes	: None
Effective date	: Oct 15 th , 2025
Replacement products	: N/A
Last time buy	: N/A

Your Littelfuse representative is available to share more specific details with you or support you if you have any questions. Thank you for your understanding and cooperation!

Yours sincerely,

Maggie XU

Maggie XU
Technical Support Manager
Power Thyristor/Diode Discrete
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APPENDIX A: Qualification test result

Description	Sample P/N	Sample QTY	Littelfuse test Ref#	Contents/ Conditions	Standard	Result Summary
Electrical Parameters	Q8025L5TP	415	TR24-02-006871	VBO/ IH/ VT/ IDRM/ IRRM/ IGT/ VGT IH VT	IDRM/IRRM IGT VGT IH VT	100% meet published spec.
	QJ6030LH4TP	415	TR24-03-007594			
	SK055NTP	415	TR24-02-006866			
	Q6016NH4TP	415	TR24-02-007021			
	EC103D1	415	TR24-02-006879			
	SV8012DRP	415	TR24-02-007119			
AC Blocking (HTRB)	Q8025L5TP	77	TR24-02-006871	Tj, 1008hr, Reverse biased at peak AC voltage	MIL-STD-750	PASS
	QJ6030LH4TP	77	TR24-03-007594			
	SK055NTP	77	TR24-02-006866			
	Q6016NH4TP	77	TR24-02-007021			
	EC103D1	77	TR24-02-006879			
	SV8012DRP	77	TR24-02-007119			
High Humidity High Temp, Reverse Bias (H3TRB)	Q8025L5TP	77	TR24-02-006871	1008 hours; 160V & 320V - DC: 85°C; 85% relative humidity	JESD22-A101	PASS
	QJ6030LH4TP	77	TR24-03-007594			
	SK055NTP	77	TR24-02-006866			
	Q6016NH4TP	77	TR24-02-007021			
	EC103D1	77	TR24-02-006879			
	SV8012DRP	77	TR24-02-007119			
Unbiased Highly Accelerated Stress Test (UHAST)	Q8025L5TP	77	TR24-02-006871	96 hours at TA=130°C/85%RH.	JESD22-A-118	PASS
	QJ6030LH4TP	77	TR24-03-007594			
	SK055NTP	77	TR24-02-006866			
	Q6016NH4TP	77	TR24-02-007021			
	EC103D1	77	TR24-02-006879			
	SV8012DRP	77	TR24-02-007119			
Temperature Cycling (TC)	Q8025L5TP	77	TR24-02-006871	-55°C&150°C (air to air) Dwell time 15mins, 1000cycles	JESD22-A104	PASS
	QJ6030LH4TP	77	TR24-03-007594			
	SK055NTP	77	TR24-02-006866			
	Q6016NH4TP	77	TR24-02-007021			
	EC103D1	77	TR24-02-006879			
	SV8012DRP	77	TR24-02-007119			
Intermittent Operational Life (IOL)	Q8025L5TP	77	TR24-02-006871	TA:25°C, TJ:125°C (ΔTJ=100°C), TON/OFF: 4 minutes, 15,000cycles	MIL-STD-750	PASS
	QJ6030LH4TP	77	TR24-03-007594			
	SK055NTP	77	TR24-02-006866			
	Q6016NH4TP	77	TR24-02-007021			
	EC103D1	77	TR24-02-006879			
	SV8012DRP	77	TR24-02-007119			
Resistance to Solder Heat (RSH)	SV8012DRP	30	TR24-02-007119	260°C, 10 secs /270°C, 7 secs	JESD22-B-106 /JESD22-A-111	PASS
	Q8025L5TP	30	TR24-02-006871			
	SK055NTP	30	TR24-02-006866			
	Q6016NH4TP	30	TR24-02-007021			
	EC103D1	30	TR24-02-006879			