

Additional Wafer Fabrication Capacity for Vishay Siliconix ICs

For further information, please contact your regional Vishay office.

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Description of Change: Vishay Siliconix has expanded capacity for additional IC wafer fabrication to foundry partner Tower Fab 2 in Migdal Haemek, Israel.

Tower Israel and Vishay have sustained a strategic and enduring partnership for over 20 years. As part of their continued collaboration, Tower Fab 2 Israel will manufacture 8-inch wafers to support Vishay's Linear ICs devices.

Reason for Change: Additional Wafer Fabrication Capacity

Expected Influence on Quality/Reliability/Performance: There will be no effect on performance, quality or reliability.

Part Numbers/Series/Families Affected: Please see materials list on the succeeding page.

Vishay Brand(S): Vishay Siliconix

Time Schedule:

Start Shipment Date: Monday November 2, 2026

Sample Availability: Please contact your regional Vishay Sales office for sample availability.

Product Identification: Lot number with prefix EW or W. Lot started 2026 = EW or W

Qualification Data: Please see attached.

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Monday November 2, 2026 or as specified by contract.

Issued By: Lisette Saba, malinalisette.saba@vishay.com



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Product Change Notification



Product Group: SIL/Wednesday September 2, 2026/PCN-SIL-000506-2026-REV-0

DG451EQ-T1-E3	DG451EY-T1-E3	DG452EQ-T1-E3	DG452EY-T1-E3	DG453EQ-T1-E3
DG453EY-T1-E3	DG454EQ-T1-E3	DG454EY-T1-E3	DG455EQ-T1-E3	DG455EY-T1-E3
DG456EQ-T1-E3	DG456EY-T1-E3	DG469DWF	DG469EQ-T1-E3	DG469EY-T1-E3
DG470EQ-T1-E3	DG470EY-T1-E3	DG506BDWF	DG506BEQ-T1-GE3	DG506BEW-T1-GE3
DG507BEQ-T1-GE3	DG507BEW-T1-GE3	DG508BDWF	DG508BEN-T1-GE4	DG508BEQ-T1-E3
DG508BEY-T1-E3	DG509BDWF	DG509BEN-T1-GE4	DG509BEQ-T1-E3	DG509BEY-T1-E3



Qualification Data

September 2026



Reliability Test Results Summary

Part number	LOT ID	RELIABILITY EVAL#	STRESS	Test Point	No. of Lots	No. Of Samples	Result
DG509BEN	EV43Y05K.1C	2660036	HTOL	2000 hrs	1	100	Passed
			PP	96hrs	1	82	Passed
			HAST	100hrs	1	82	Passed
			TC	500C	1	82	Passed
			ESD - CDM	2000V	1	10	Passed
			ESD-HBM	500V	1	3	Passed
			Latch-Up	200mA @25C	1	6	Passed
				100mA at 125C	1	6	Passed
DG509BEN	EV43Y05A.1B		HTOL	500 hrs	1	100	Passed
			TC	500C	1	82	Passed
			PP	96hrs	1	82	Passed
			HAST	100hrs	1	82	Passed
			ESD - CDM	2000V	1	10	Passed
			ESD-HBM	750V	1	3	Passed
			Latch-Up	200mA @25C	1	6	Passed
				100mA at 125C	1	6	Passed
DG453EQ	EW07Y05JA.2		HTOL	500 hrs	1	100	Passed
			TC	500C	1	82	Passed
			HAST	100 hrs	1	82	Passed
			PP	96hrs	1	82	Passed
			ESD - CDM	2kV	1	10	Passed
			ESD-HBM	1kV	1	3	Passed
			Latch-Up	300mA @25C	1	6	Passed
				300mA @125C	1	6	Passed
DG509BEN	EV43Y05K.1C		Validation	FT/QA	1	1k	Passed
				3xreflow		1k	Passed
				TC250		1k	Passed
DG509BEN	EV43Y05A.1B		Validation	FT/QA	1	1k	Passed
				3xreflow		1k	Passed
				TC250		1k	Passed
DG453EQ	EW07Y05JA.2		Validation	FT/QA	1	1k	Passed
				3xreflow		1k	Passed
				TC250		1k	Passed

Vishay Material Code	Customer Material	Location
DG456EY-T1-E3	1827-7507	Singapore
DG469EY-T1-E3	ACT2340G-318	Singapore
DG469EQ-T1-E3	BOOK PRICE	Singapore
DG451EQ-T1-E3	DG451EQ-T1-E3	Singapore
DG452EQ-T1-E3	DG452EQ-T1-E3	Singapore
DG456EQ-T1-E3	DG456EQ-T1-E3	Singapore
DG456EQ-T1-E3	DG456EQ-T1-E3	Singapore
DG508BEQ-T1-E3	DG508BEQ-T1-E3	Singapore
DG509BEQ-T1-E3	DG509BEQ-T1-E3	Singapore
DG452EY-T1-E3	SLNDG452EY-T1-E3	Maisach Gernlinden
DG453EQ-T1-E3	SLNDG453EQ-T1-E3	Maisach Gernlinden
DG453EQ-T1-E3	SLNDG453EQ-T1-E3	Ft Worth
DG455EQ-T1-E3	SLNDG455EQ-T1-E3	Ft Worth
DG455EY-T1-E3	SLNDG455EY-T1-E3	Maisach Gernlinden
DG456EQ-T1-E3	SLNDG456EQ-T1-E3	Ft Worth
DG469EQ-T1-E3	SLNDG469EQ-T1-E3	Ft Worth
DG469EY-T1-E3	SLNDG469EY-T1-E3	Maisach Gernlinden
DG469EY-T1-E3	SLNDG469EY-T1-E3	Ft Worth
DG470EQ-T1-E3	SLNDG470EQ-T1-E3	Ft Worth
DG470EY-T1-E3	SLNDG470EY-T1-E3	Ft Worth
DG509BEN-T1-GE4	SLNDG509BEN-T1-GE4	Ft Worth
DG509BEY-T1-E3	SLNDG509BEY-T1-E3	Ft Worth
DG469EQ-T1-E3	VQC	Singapore