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Product Change Notification

Product Group: SIL/Tue Jan 9, 2024/PCN-SIL-000420-2023-REV-0



DG2733E switch leakage limits update.

For further information, please contact your regional Vishay office.

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Description of Change: Adding dedicated switch leakage specification for DG2733E

Reason for Change: To have dedicated leakage specifications for each part

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

Part Numbers/Series/Families Affected: DG2733EDQ-T1-GE3, DG2733EDN-T1-GE4,

Vishay Brand(S): Vishay Siliconix

Time Schedule:

Start Shipment Date: Sat Mar 9, 2024

Sample Availability: Available upon request

Product Identification: Date Code

Qualification Data: Qualification Data available upon request

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Sat Feb 10, 2024 or as specified by contract.

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PCN-SIL-000420-2023 Data Sheet Comparison

DG2733E Data sheet comparison

December 2023



Before Specification

Switch off leakage current (DG2733E)	$I_{NO/NC(off)}$	$V+ = 5\text{ V}, V_{NO/NC} = 0.5\text{ V} / 4.5\text{ V},$ $V_{COM} = 4.5\text{ V} / 0.5\text{ V}$	Room	-8	-	8	nA
	$I_{COM(off)}$		Full	-50	-	50	
			Room	-8	-	8	
			Full	-50	-	50	
Channel-on leakage current (DG2733E)	$I_{COM(on)}$	$V+ = 5\text{ V}, V_{NO/NC} = V_{COM} = 4.5\text{ V} / 0.5\text{ V}$	Room	-10	-	10	
			Full	-50	-	50	

Updated Specification

Switch off leakage current (DG2733E)	$I_{NO/NC(off)}$	$V+ = 5\text{ V}, V_{NO/NC} = 0.5\text{ V} / 4.5\text{ V},$ $V_{COM} = 4.5\text{ V} / 0.5\text{ V}$	Room	-16	-	16	nA
	$I_{COM(off)}$		Full	-100	-	100	
			Room	-16	-	16	
			Full	-100	-	100	
Channel-on leakage current (DG2733E)	$I_{COM(on)}$	$V+ = 5\text{ V}, V_{NO/NC} = V_{COM} = 4.5\text{ V} / 0.5\text{ V}$	Room	-10	-	10	
			Full	-100	-	100	