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Product Change Notification



Product Group: SIL/Fri Sep 8, 2023/PCN-SIL-000411-2023-REV-0

Additional Assembly Capacity for Vishay Siliconix MSOP8 and MSOP10 Analog Switches

For further information, please contact your regional Vishay office.

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Description of Change: Vishay Siliconix has expanded assembly capacity for MSOP8 and MSOP10 packages to Subcontractor UTAC in Thailand, qualified with copper wire.

Reason for Change: Addition of Assembly Capacity

Expected Influence on Quality/Reliability/Performance: There will be no effect on performance, but higher quality and reliability

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

Vishay Brand(S): Vishay Siliconix

Time Schedule:

Start Shipment Date: Thu Nov 9, 2023

Sample Availability: Samples are available now

Product Identification: Lot Number and Country of Origin

Qualification Data: See attached PDF

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Mon Oct 9, 2023 or as specified by contract.

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



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DG2034EDQ-T1-GE3	DG2517EDQ-T1-GE3	DG2519EDQ-T1-GE3	DG2535EDQ-T1-GE3	DG2733EDQ-T1-GE3
DG417BDQ-T1-E3	DG417LEDQ-T1-GE3	DG418BDQ-T1-E3	DG418LEDQ-T1-GE3	DG419BDQ-T1-E3
DG419LEDQ-T1-GE3	DG469EQ-T1-E3	DG470EQ-T1-E3	DG9232EDQ-T1-GE3	DG9233EDQ-T1-GE3
DG9234EDQ-T1-GE3				



PCN-SIL-000411-2023 QUALIFICATION DATA

MSOP8 and MSOP10 packages

**UTAC Thailand
Qualification Data**

September 2023



PCN-SIL-000411-2023 QUALIFICATION DATA

TEST RESULT DATA:

EVAL	STRESS	STEP	TEST CONDITION	HR-CYC	S S	FAIL	DONE	TYPE	CODE
*****	*****	****	*****	*****	****	****	****	****	****
2360003	EXT VISUAL	0	EXT VISUAL	0	15	0	X	VM	
			C-SAM & PRECO	0	11	0	X	VM	
			C-SAM & PRECO	192	11	0	X	VM	
	HAST	0	HAST	0	85	0	X	ET	
		1	HAST	100	85	0	X	ET	
	PRESSURE P	0	PRESSURE POT	0	85	0	X	ET	
		1	PRESSURE POT	96	85	0	X	ET	
	SOLDER DUN	0	SOLDER DUNK	8	55	0	X	ET	
	SOLDERABIL TEMP CYCLE	0	SOLDERABILITY	8	15	0	X	VM	
		0	T/C (H)	0	85	0	X	ET	
		1	T/C (H)	250	85	0	X	ET	
		2	T/C (H)	500	85	0	X	ET	
	VP/SOLDER	0	PRODUCT PRECO	0	265	0	X	ET	
		1	PRODUCT PRECO	192	265	0	X	ET	



PCN-SIL-000411-2023 QUALIFICATION DATA

PART NUMBER: DG419BDQ
DATE CODE:
PURPOSE: QUALIFICATION

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EVAL	STRESS	STEP	TEST CONDITION	HR-CYC	S S	FAIL	DONE	TYPE	CODE
*****	*****	****	*****	*****	****	****	****	****	****
2360004	HAST	0	HAST	0	85	0	X	ET	
		1	HAST	100	85	0	X	ET	
			C-SAM & PRECO	0	11	0	X	VM	
			C-SAM & PRECO	192	11	0	X	VM	
	PRESSURE P	0	PRESSURE POT	0	85	0	X	ET	
		1	PRESSURE POT	96	85	0	X	ET	
	SOLDER DUN	0	SOLDER DUNK	8	55	0	X	ET	
	SOLDERABIL	0	SOLDERABILITY	8	15	0	X	VM	
	TEMP CYCLE	0	T/C (H)	0	85	0	X	ET	
		1	T/C (H)	250	85	0	X	ET	
		2	T/C (H)	500	85	0	X	ET	
	VP/SOLDER	0	PRODUCT PRECO	0	265	0	X	ET	
		1	PRODUCT PRECO	192	265	0	X	ET	

PART NUMBER: DG9234EDQ
DATE CODE:
PURPOSE: QUALIFICATION

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EVAL	STRESS	STEP	TEST CONDITION	HR-CYC	S S	FAIL	DONE	TEST TYPE	FAIL CODE
*****	*****	****	*****	*****	****	****	****	*****	*****
2360005	EXT VISUAL	0	EXT VISUAL	0	15	0	X	VM	
			C-SAM & PRECO	0	11	0	X	VM	
			C-SAM & PRECO	192	11	0	X	VM	
	HAST	0	HAST	0	85	0	X	ET	
		1	HAST	100	85	0	X	ET	
	PRESSURE P	0	PRESSURE POT	0	85	0	X	ET	
		1	PRESSURE POT	96	85	0	X	ET	
	SOLDER DUN	0	SOLDER DUNK	0	55	0	X	ET	
		1	SOLDER DUNK	8	55	0	X	ET	
	SOLDERABIL	0	SOLDERABILITY	8	15	0	X	VM	
	TEMP CYCLE	0	T/C (H)	0	85	0	X	ET	
		1	T/C (H)	250	85	0	X	ET	
		2	T/C (H)	500	85	0	X	ET	
	VP/SOLDER	0	PRODUCT PRECO	0	265	0	X	ET	
		1	PRODUCT PRECO	192	265	0	X	ET	



PCN-SIL-000411-2023 QUALIFICATION DATA

PART NUMBER: DG2535EDQ
 DATE CODE:
 PURPOSE: QUALIFICATION

EVAL	STRESS	STEP	TEST CONDITION	HR-CYC	S S	FAIL	DONE	TYPE	CODE
*****	*****	****	*****	*****	****	****	****	****	****
2360006	EXT VISUAL	0	EXT VISUAL	0	15	0	X	VM	
			C-SAM & PRECO	0	11	0	X	VM	
			C-SAM & PRECO	192	11	0	X	VM	
	HAST	0	HAST	0	85	0	X	ET	
		1	HAST	100	85	0	X	ET	
	PRESSURE P	0	PRESSURE POT	0	85	0	X	ET	
		1	PRESSURE POT	96	85	0	X	ET	
	SOLDER DUN	0	SOLDER DUNK	0	55	0	X	ET	
		1	SOLDER DUNK	8	55	0	X	ET	
	SOLDERABIL	0	SOLDERABILITY	8	15	0	X	VM	
	TEMP CYCLE	0	T/C (H)	0	85	0	X	ET	
		1	T/C (H)	250	85	0	X	ET	
		2	T/C (H)	500	85	0	X	ET	
	VP/SOLDER	0	PRODUCT PRECO	0	265	0	X	ET	
		1	PRODUCT PRECO	192	265	0	X	ET	

PART NUMBER: DG2034EDQ
 DATE CODE:
 PURPOSE: QUALIFICATION

EVAL	STRESS	STEP	TEST CONDITION	HR-CYC	S S	FAIL	DONE	TEST	FAIL	TYPE	CODE
*****	*****	****	*****	*****	****	****	****	****	****	****	****
2360006	EXT VISUAL	0	EXT VISUAL	0	15	0	X			VM	
	SOLDER DUN	0	SOLDER DUNK	0	55	0	X			ET	
		1	SOLDER DUNK	8	55	0	X			ET	
	SOLDERABIL	0	SOLDERABILITY	8	15	0	X			VM	
	VP/SOLDER	0	PRODUCT PRECO	0	265	0	X			ET	
		1	PRODUCT PRECO	192	265	0	X			ET	