



Product Change Notification



Product Group: SIL/Tue Oct 26, 2021/PCN-SIL-000412-2021-REV-0

Vishay Siliconix has expanded assembly capacity for PDIP16 packages to Subcontractor ATEC in the Philippines.

DESCRIPTION OF CHANGE: Assembly Expansion to ATEC Philippines using copper wires.

REASON FOR CHANGE: Addition of Assembly 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: Wed Feb 2, 2022

SAMPLE AVAILABILITY: November 1, 2021

PRODUCT IDENTIFICATION: Lot Code and Marking

QUALIFICATION DATA: See attached PDF

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Wed Feb 2, 2022 or as specified by contract.

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For further information, please contact your regional Vishay office.

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Vishay Intertechnology, Inc.

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ONE OF THE WORLD'S LARGEST MANUFACTURERS OF DISCRETE SEMICONDUCTORS AND PASSIVE COMPONENT



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DG201BDJ-E3	DG201HSDJ-E3	DG202BDJ-E3	DG211BDJ-E3	DG212BDJ-E3
DG213DJ-E3	DG221BDJ-E3	DG271BCJ-E3	DG308ACJ-E3	DG308BDJ-E3
DG309BDJ-E3	DG309CJ-E3	DG384BDJ-E3	DG390BDJ-E3	DG401BDJ-E3
DG401DJ-E3	DG403BDJ-E3	DG403DJ-E3	DG405BDJ-E3	DG405DJ-E3
DG408DJ-E3	DG409DJ-E3	DG411DJ-E3	DG411HSDJ-E3	DG411LEDJ-GE3
DG412DJ-E3	DG412HSDJ-E3	DG412LEDJ-GE3	DG413DJ-E3	DG413HSDJ-E3
DG413LEDJ-GE3	DG441BDJ-E3	DG441DJ-E3	DG441LEDJ-GE3	DG442BDJ-E3
DG442DJ-E3	DG442LEDJ-GE3	DG444BDJ-E3	DG444DJ-E3	DG445BDJ-E3
DG445DJ-E3	DG508BEJ-E3	DG509BEJ-E3		

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PCN_SIL-4122021 COMPARISON DATA

PDIP 16 package, Copper wire

ATEC Philippines

BOM Comparison Data

October 2021



PCN_SIL-4122021 COMPARISON DATA

BOM COMPARISON

Device	Pins	Existing BOM(Amkor)					New BOM(ATEC)				
		Epoxy	Wire	EMC	Plating	LF Type	Epoxy	Wire	EMC	Plating	LF Type
DG201BDJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG201HSDJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG202BDJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG211BDJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG212BDJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG213DJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG221BDJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG271BCJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG308ACJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG308BDJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG309BDJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG309CJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG390BDJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG403DJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG408DJ-E3	PDIP 16L	8390A	1.3 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG409DJ-E3	PDIP 16L	8390A	1.3 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG411DJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG411LEDJ-GE3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG412DJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG412LEDJ-GE3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG413DJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG441DJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG442DJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG442LEDJ-GE3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG444DJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG445DJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
DG508BEJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped



PCN_SIL-4122021 COMPARISON DATA

DG509BEJ-E3	PDIP 16L	8390A	1.2 mil Au	G600C	Matte Sn	Stamped	CRM1064B	1.2 mil Cu	G600	Matte Sn	Stamped
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ATTACHMENT A (Continuation)

Device	Pins	Existing BOM(Amkor)					New BOM(ATEC)				
		Epoxy	Wire	EMC	Plating	LF Type	Epoxy	Wire	EMC	Plating	LF Type
DG412LEDJ-GE3	PDIP 16L	8390A	0.8 mil Cu	G700LS	Matte Sn	Stamped	CRM1064B	0.8 mil Cu	G600	Matte Sn	Stamped
DG413LEDJ-GE3	PDIP 16L	8390A	0.8 mil Cu	G700LS	Matte Sn	Stamped	CRM1064B	0.8 mil Cu	G600	Matte Sn	Stamped
DG441LEDJ-GE3	PDIP 16L	8390A	0.8 mil Cu	G700LS	Matte Sn	Stamped	CRM1064B	0.8 mil Cu	G600	Matte Sn	Stamped
DG442LEDJ-GE3	PDIP 16L	8390A	0.8 mil Cu	G700LS	Matte Sn	Stamped	CRM1064B	0.8 mil Cu	G600	Matte Sn	Stamped
DG411LEDJ-GE3	PDIP 16L	8390A	0.8 mil Cu	G700LS	Matte Sn	Stamped	CRM1064B	0.8 mil Cu	G600	Matte Sn	Stamped

MARKING AND LABEL COMPARISON

BODY MARKING AND STICKER LABEL COMPARISON

Item/Part	Amkor – “G”	ATEC – “4”
Package Body Marking		
Box/Sticker Label		

Note : Marking Code : Amkor – “G”
ATEC – “4”



PCN_SIL-4122021 COMPARISON DATA