



# 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.**

**ISSUED BY:** Isabelle Ciacchella, Isabelle.Ciacchella@vishay.com

**For further information, please contact your regional Vishay office.**

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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