

Product / Process Change Notification



N° 2019-051-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Introduction of an Additional Assembly And Final Test Location at Jiangsu Changjiang Electronics Technology Co., Ltd.(JCET) and HANA Semiconductor (Ayutthaya) Co., Ltd. for dedicated SOIC Products in PG-DSO-8/14

Important information for your attention:

- Please respond to this PCN by indicating your decision on the approval form, sign it and return to your sales partner before **14. January 2020**.
- Infineon aligns with the widely-recognized JEDEC STANDARD “**JESD46**“, which stipulates:
“**Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change.**”

Your prompt reply will help Infineon Technologies to assure a smooth and well executed transition. If Infineon does not hear from your side by the due date, we will assume your full acceptance to this proposed change and its implementation.

Your attention and response to this matter is greatly appreciated.

Infineon Technologies AG
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Chairman of the Supervisory Board: Dr. Wolfgang Eder
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Product / Process Change Notification



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- **Products affected:** Please refer to attached affected product list 1_cip19051_a

- **Detailed Change Information:**

Subject: Introduction of an Additional Assembly And Final Test Location at Jiangsu Changjiang Electronics Technology Co., Ltd.(JCET) and HANA Semiconductor (Ayutthaya) Co., Ltd. for dedicated SOIC Products in PG-DSO-8/14

Reason: Expansion of assembly and test production to cover increasing customer demand, and enable flexible manufacturing.

Description:	Old	New
Assembly and Final Test location	<ul style="list-style-type: none">■ Carsem (M) Sdn. Bhd.■ HANA Semiconductor (Ayutthaya) Co., Ltd.	<ul style="list-style-type: none">■ Carsem (M) Sdn. Bhd.■ HANA Semiconductor (Ayutthaya) Co., Ltd.■ Jiangsu Changjiang Electronics Technology Co., Ltd.(JCET)
Marking	<ul style="list-style-type: none">■ Refer to the Customer info package	<ul style="list-style-type: none">■ Refer to the Customer info package
Mound Compound	<ul style="list-style-type: none">■ Refer to the Customer info package	<ul style="list-style-type: none">■ Refer to the Customer info package
Epoxy	<ul style="list-style-type: none">■ Refer to the Customer info package	<ul style="list-style-type: none">■ Refer to the Customer info package
Wire Material	<ul style="list-style-type: none">■ Refer to the Customer info package	<ul style="list-style-type: none">■ Refer to the Customer info package

- **Product Identification:** Internal traceability via Baunumber, Lotnumber, date code and marking on device
External traceability via the marking on device

- **Impact of Change:**
 - **NO** change on electrical, thermal parameters and reliability as proven via product qualification and characterization.
 - **NO** change in package outline dimensions.
 - **NO** change of existing Infineon specifications and datasheet parameters

Product / Process Change Notification



N° 2019-051-A

- **Attachments:**

1_cip19051_a: Affected product list
2_cip19051A: Qualification report
3_cip19051A: Customer info package

- **Time Schedule:**

- | | |
|-------------------------------|---|
| ■ Final qualification report: | available |
| ■ First samples available: | on request |
| ■ Intended start of delivery: | 3 rd March 2020 or earlier depending on customer approval. |

If you have any questions, please do not hesitate to contact your local Sales office.

Final Qualification Report

Reason for choosing following test vehicle:
 IRS2003SPBF (PG-DSO-8-910) - product reference.
 IRS25411SPBF (PG-DSO-8-910) - product reference.
 IR2108SPBF (PG-DSO-8-910) - product reference.
 IRS2304SPBF (PG-DSO-8-910) - product reference.
 IRS21851SPBF (PG-DSO-8-910) - product reference.
 IRS21864SPBF (PG-DSO-14-910) - product reference.
 IRS2113SPBF (PG-DSO-16-910) - product reference.

Assessment of Q-Results PASS

Reference Products				IRS2003SPBF	IRS25411SPBF	IRS25411SPBF	IR2108SPBF	IRS2304SPBF	IRS21851SPBF	IRS21864SPBF	IRS2113SPBF
Test description	Abbr.	Condition	Readout	I0914CS	I0914CT	I0914CU	H5B69	H5E19	I1009EW	I1009EX	I1009EY
Biased Highly Accelerated Stress Test JESD22 A110	HAST*	Ta = 130°C RH = 85% +Bias	0 h	0/77	0/77	0/77	-	-	-	-	-
			precon	0/77	0/77	0/77	-	-	-	-	-
			96 h	0/77	0/77	0/77	-	-	-	-	-
Autoclave JESD22 A102	AC*	Ta = 121°C RH = 100%	0 h	0/77	0/77	0/77	-	-	-	-	-
			precon	0/77	0/77	0/77	-	-	-	-	-
			96 h	0/77	0/77	0/77	-	-	-	-	-
Temperature Cycling JESD22 A104	TC*	Ta min = -65 °C Ta max = +150 °C	0 cyc	0/77	0/77	0/77	-	-	-	-	-
			precon	0/77	0/77	0/77	-	-	-	-	-
			250 cyc	0/77	0/77	0/77	-	-	-	-	-
			500 cyc	0/77	0/77	0/77	-	-	-	-	-
High Temperature Storage Life JESD22-A103	HTSL	Ta = 150°C	0 h	-	-	-	0/45	-	-	-	-
			500 h	-	-	-	0/45	-	-	-	-
			1000 h	-	-	-	0/45	-	-	-	-
High Temperature Storage Life JESD22-A103	HTSL	Ta = 175°C	0 h	-	-	-	-	0/45	-	-	-
			500 h	-	-	-	-	0/45	-	-	-
High Temperature Operating Life JESD22-A108	HTOL	Tj =150°C +Bias	0 h	-	-	-	-	-	0/77	0/77	0/77
			168 h	-	-	-	-	-	0/77	0/77	0/77
			500 h	-	-	-	-	-	0/77	0/77	0/77

* PC is done only for SMD Packages before uHAST, TC, IOL, HTGS, HTRB and H3TRB stress tests

Abbreviations - not performed

HANA DSO14 GEN 5 Qualification



Final Qualification Report

Reason for choosing following test vehicle: IRS21814SPBF (PG-DSO-14) - product reference.
 IRS2113SPBF (PG-DSO-16) - product reference.
 IR2166DSPBF (PG-DSO-16) - product reference.

Assessment of Q-Results: PASS

Reference Products				IRS21814SPBF	IRS2113SPBF	IRS2113SPBF	IR2166DSPBF
Test description	Abbr.	Condition	Readout	I0710AY	I1010BU	I1010BV	I0710AZ
Temperature Humidity Bias JESD22 A101	THB*	Ta = 85°C RH = 85% '+Bias	0h	-	-	-	0/77
			precon	-	-	-	0/77
			500h	-	-	-	0/77
			1000h	-	-	-	0/77
Biased Highly Accelerated Stress Test JESD22 A110	HAST*	Ta = 130°C RH = 85% '+Bias	0 h	0/77	0/77	0/77	-
			precon	0/77	0/77	0/77	-
			96 h	0/77	0/77	0/77	-
Autoclave JESD22 A102	AC*	Ta = 121°C RH = 100%	0 h	0/77	0/77	0/77	0/77
			precon	0/77	0/77	0/77	0/77
			96 h	0/77	0/77	0/77	0/77
Temperature Cycling JESD22 A104	TC*	Ta min = -65 °C Ta max = +150 °C	0 cyc	0/77	0/77	0/77	0/77
			precon	0/77	0/77	0/77	0/77
			250 cyc	0/77	0/77	0/77	0/77
			500 cyc	0/77	0/77	0/77	0/77
High Temperature Storage Life JESD22-A103	HTSL	Ta = 150°C	0 h	-	-	0/45	-
			500 h	-	-	0/45	-
			1000 h	-	-	0/45	-
High Temperature Storage Life JESD22-A103	HTSL	Ta = 175°C	0 h	-	-	-	0/45
			500 h	-	-	-	0/45
High Temperature Operating Life JESD22-A108	HTOL	Tj =150°C '+Bias	0 h	0/77	0/77	0/77	0/77
			168 h	0/77	0/77	0/77	0/77
			500 h	0/77	0/77	0/77	0/77

* PC is done only for SMD Packages before uHAST, TC, IOL, HTGS, HTRB and H3TRB stress tests

Abbreviations - not performed

HANA DSO14 GEN 2 Qualification



Final Qualification Report

Reason for choosing following test vehicle:

- IRS2010SPBF (PG-DSO-16) - product reference.
- IRS2130SPBF (PG-DSO-28) - product reference.
- IR4427SPBF (PG-DSO-8) - product reference.
- IR2213SPBF (PG-DSO-16) - product reference.
- IR2011SPBF (PG-DSO-8) - product reference.
- IR2106SPBF (PG-DSO-8) - product reference.

Assessment of Q-Results **PASS**

Reference Products				IR2010SPBF	IR2130SPBF	IR4427SPBF	IR2213SPBF	IR2011SPBF	IR2106SPBF
Test description	Abbr.	Condition	Readout	I0111BV	I0411BP	I1010CX	I0411BQ	I1110CM	I0609IL
Autoclave JESD22 A102	AC*	Ta = 121°C RH = 100%	0 h	0/77	0/77	0/77	-	-	-
			precon	0/77	0/77	0/77	-	-	-
			96 h	0/77	0/77	0/77	-	-	-
Temperature Humidity Bias JESD22 A101	THB*	Ta = 85°C RH = 85% +Bias	0h	0/77	0/77	0/77	-	-	-
			precon	0/77	0/77	0/77	-	-	-
			168h	0/77	0/77	0/77	-	-	-
			500h	0/77	0/77	0/77	-	-	-
			1000 h	0/77	0/77	0/77	-	-	-
Temperature Cycling JESD22 A104	TC*	Ta min = -65 °C Ta max = +150 °C	0 cyc	0/77	0/77	0/77	-	-	-
			precon	0/77	0/77	0/77	-	-	-
			250 cyc	0/77	0/77	0/77	-	-	-
			500 cyc	0/77	0/77	0/77	-	-	-
				0/77	0/77	0/77	-	-	-
High Temperature Storage Life JESD22-A103	HTSL	Ta = 150°C	0 h	-	-	-	-	0/45	-
			500 h	-	-	-	-	0/45	-
			1000 h	-	-	-	-	0/45	-
High Temperature Operating Life JESD22-A108	HTOL	Tj =150°C +Bias	0 h	-	-	0/77	0/77	-	0/77
			168 h	-	-	0/77	0/77	-	0/77
				-	-	0/77	0/77	-	0/77
			500 h	-	-	0/77	0/77	-	0/77

* PC is done only for SMD Packages before uHAST, TC, IOL, HTGS, HTRB and H3TRB stress tests

Abbreviations - not performed

JCET DSO8 Gen 1 / 2 Qualification



Final Qualification Report

Reason for choosing following test vehicle:

- IR2117SPBF (PG-DSO-8-910) - product to be qualified.
- IR2111SPBF (PG-DSO-8-910) - product to be qualified.
- IR4427SPBF (PG-DSO-8-910) - product to be qualified.
- IR2304SPBF (PG-DSO-8-910) - product to be qualified.
- IR7184STRPBF (PG-DSO-8-910) - product to be qualified.

Assessment of Q-Results **PASS**

Reference Products				IR2117SPBF	IR2111SPBF	IR4427SPBF	IR2304SPBF	IR7184STRPBF
Test description	Abbr.	Condition	Readout	I0218AD	I1217BY	I1217BZ	I0218AB	I0218AC
High Humidity High Temp. Reverse Bias JESD22 A101	H3TRB/THB*	T = 85°C RH = 85% VCC = 20V VB = 20V	0 h	0/77	0/77	0/77	0/77	0/77
			precon	0/77	0/77	0/77	0/77	0/77
			168 h	0/77	0/77	0/77	0/77	0/77
			500 h	0/77	0/77	0/77	0/77	0/77
			1000 h	0/77	0/77	0/77	0/77	0/77
Unbiased Temperature/Humidity JESD22 A118	uHAST*	Ta = 110°C RH = 85%	0 h	0/77	0/77	0/77	0/77	0/77
			precon	0/77	0/77	0/77	0/77	0/77
			96 h	0/80	0/80	0/80	0/80	0/80
			168 h	0/80	0/80	0/80	0/80	0/80
			192 h	0/80	0/80	0/80	0/80	0/80
Temperature Cycling JESD22 A104	TC*	Ta min = -65 °C Ta max = +150 °C	0 cyc	0/77	0/77	-	0/77	0/77
			precon	0/77	0/77	-	0/77	0/77
			250 cyc	0/77	0/77	-	0/77	0/77
			500 cyc	0/77	0/77	-	0/77	0/77
			1000 cyc	0/77	0/77	-	0/77	0/77
Temperature Cycling JESD22 A104	TC*	Ta min = -55 °C Ta max = +150 °C	0 cyc	-	-	0/77	-	-
			precon	-	-	0/77	-	-
			250 cyc	-	-	0/77	-	-
			500 cyc	-	-	0/77	-	-
			1000 cyc	-	-	0/77	-	-
High Temperature Storage Life JESD22-A103	HTSL	Ta = 150°C	0 h	0/77	0/77	0/80	0/77	0/77
			500 h	0/77	0/77	0/80	0/77	0/77
			1000 h	0/77	0/77	0/80	0/77	0/77
High Temperature Operating Life JESD22-A108	HTOL	Tj =150°C VCC=20V VS>=80%Vmax VB=20V	0 h	0/77	0/77	0/80	0/77	0/77
			168 h	0/77	0/77	0/80	0/77	0/77
			500 h	0/77	0/77	0/80	0/77	0/77
			1000 h	0/77	0/77	0/80	0/77	0/77
Solder Heat Resistance	SHR	3x reflow MSL Soak	pre	0/22	0/22	0/30	0/22	0/22
			post	0/22	0/22	0/30	0/22	0/22
Solderability	SDR	-	NA	PASS	PASS	PASS	PASS	PASS

* PC is done only for SMD Packages before uHAST, TC, IOL, HTGS, HTRB and H3TRB stress tests

Abbreviations - not performed

JCET DSO8 Gen 5 Qualification



Final Qualification Report

Reason for choosing following test vehicle: IRS2011S (PG-DSO-8-910) - product to be qualified.
 IRS21867S (PG-DSO-8-910) - product to be qualified.
 IRS2304S (PG-DSO-8-910) - product to be qualified.
 IRS2003S (PG-DSO-8-910) - product to be qualified.

Assessment of Q-Results PASS

Reference Products				IRS2011S	IRS21867S	IRS2304S	IRS2003S
Test description	Abbr.	Condition	Readout	I1217BW	I1217BX	P18-26493-4H	P18-26547-4H
High Humidity High Temp. Reverse Bias JESD22 A101	H3TRB/THB*	T = 85°C RH = 85% VCC = 20V VB = 20V	0 h	0/77	0/77	0/77	0/77
			precon	0/77	0/77	0/77	0/77
			168 h	0/77	0/77	0/77	0/77
			500 h	0/77	0/77	0/77	0/77
			1000 h	0/77	0/77	0/77	0/77
Unbiased Temperature/Humidity JESD22 A118	uHAST*	Ta = 110°C RH = 85%	0 h	0/77	0/77	0/77	0/77
			precon	0/77	0/77	0/77	0/77
			96 h	0/77	0/77	0/77	0/77
			168 h	0/77	0/77	0/77	0/77
			192 h	0/77	0/77	0/77	0/77
Temperature Cycling JESD22 A104	TC*	Ta min = -55 °C Ta max = +150 °C	0 cyc	0/77	0/77	0/77	0/77
			precon	0/77	0/77	0/77	0/77
			250 cyc	0/77	0/77	0/77	0/77
			500 cyc	0/77	0/77	0/77	0/77
			1000 cyc	0/77	0/77	0/77	0/77
High Temperature Storage Life JESD22-A103	HTSL	Ta = 150°C	0 h	0/77	0/77	0/77	0/77
			500 h	0/77	0/77	0/77	0/77
			1000 h	0/77	0/77	0/77	0/77
High Temperature Operating Life JESD22-A108	HTOL	Tj =150°C VCC=20V VS>=80%Vmax VB=20V	0 h	0/77	0/77	0/77	-
			168 h	0/77	0/77	0/77	-
			500 h	0/77	0/77	0/77	-
			1000 h	0/77	0/77	0/77	-
Solder Heat Resistance	SHR	3x reflow MSL Soak	pre	0/22	0/22	0/22	0/22
			post	0/22	0/22	0/22	0/22
Solderability	SLDR	-	NA	PASS	PASS	PASS	PASS

* PC is done only for SMD Packages before uHAST, TC, IOL, HTGS, HTRB and H3TRB stress tests

Abbreviations - not performed

SOIC8L Big Die 95x140 Stamped LF Qualification



Final Qualification Report

Reason for choosing following test vehicle:

IR2175S (PG-DSO-8-910) - product to be qualified.
IR11682S (PG-DSO-8-910) - product to be qualified.

Assessment of Q-Results

PASS

Reference Products				IR2175S	IR11682S	IR11682S
Test description	Abbr.	Condition	Readout	P19-09300-JH	P19-09302-JH	P19-09720-JH
Unbiased Temperature/Humidity JESD22 A118	uHAST*	Ta = 130°C RH = 85%	0 h	0/77	0/77	0/77
			precon	0/77	0/77	0/77
			96 h	0/77	0/77	0/77
Temperature Cycling JESD22 A104	TC*	Ta min = -65 °C Ta max = +150 °C	0 cyc	0/77	0/77	0/77
			precon	0/77	0/77	0/77
			250 cyc	0/77	0/77	0/77
			500 cyc	0/77	0/77	0/77
Pre-Conditioning MSL2 Soak JESD22A-113	PC	3x reflow MSL2 Soak	Pre	0/22	0/22	0/22
			Post	0/22	0/22	0/22

* PC is done only for SMD Packages before uHAST, TC, IOL, HTGS, HTRB and H3TRB stress tests

Customer Info Package

PCN 2019-051-A

Introduction of an Additional Assembly And Final Test Location at Jiangsu Changjiang Electronics Technology Co., Ltd.(JCET) and HANA Semiconductor (Ayutthaya) Co., Ltd. for dedicated SOIC Products in PG-DSO-8/14



Assembly and Final Test Location Change



Group	SalesName	SP	Package	Old Assembly and Final Test Location	New Assembly and Final Test Location
JCET DSO8 Gen2	IR2301STRPBF	SP001533270	PG-DSO-8	Carsem(M) and HANA	Carsem(M), HANA and JCET
JCET DSO8 Gen2	IR25606STRPBF	SP001538664	PG-DSO-8	Carsem(M) and HANA	Carsem(M), HANA and JCET
JCET DSO8 Gen2	IR2104STRPBF	SP001539188	PG-DSO-8	Carsem(M) and HANA	Carsem(M), HANA and JCET
JCET DSO8 Gen2	IR4427STRPBF	SP001540064	PG-DSO-8	Carsem(M) and HANA	Carsem(M), HANA and JCET
JCET DSO8 Gen2	IR2103STRPBF	SP001543892	PG-DSO-8	Carsem(M) and HANA	Carsem(M), HANA and JCET
JCET DSO8 Gen2	IR25602STRPBF	SP001544202	PG-DSO-8	Carsem(M) and HANA	Carsem(M), HANA and JCET
JCET DSO8 Gen2	IR2127STRPBF	SP001547386	PG-DSO-8	Carsem(M) and HANA	Carsem(M), HANA and JCET
JCET DSO8 Gen2	IR2108STRPBF	SP001547602	PG-DSO-8	Carsem(M) and HANA	Carsem(M), HANA and JCET
JCET DSO8 Gen2	IR2101STRPBF	SP001547610	PG-DSO-8	Carsem(M) and HANA	Carsem(M), HANA and JCET
JCET DSO8 Gen5	IRS2003STRPBF	SP001534384	PG-DSO-8	Carsem(M) and HANA	Carsem(M), HANA and JCET
JCET DSO8 Gen5	IRS2106STRPBF	SP001534424	PG-DSO-8	Carsem(M) and HANA	Carsem(M), HANA and JCET
JCET DSO8 Gen5	IRS2109STRPBF	SP001542776	PG-DSO-8	Carsem(M) and HANA	Carsem(M), HANA and JCET
JCET DSO8 Gen5	IRS2308STRPBF	SP001543026	PG-DSO-8	Carsem(M) and HANA	Carsem(M), HANA and JCET
JCET DSO8 Gen5	IRS2304STRPBF	SP001543034	PG-DSO-8	Carsem(M) and HANA	Carsem(M), HANA and JCET
JCET DSO8 Gen5	IRS4427STRPBF	SP001543130	PG-DSO-8	Carsem(M) and HANA	Carsem(M), HANA and JCET
JCET DSO8 Gen5	IRS2103STRPBF	SP001545468	PG-DSO-8	Carsem(M) and HANA	Carsem(M), HANA and JCET
JCET DSO8 Gen5	IRS2011STRPBF	SP001545508	PG-DSO-8	Carsem(M) and HANA	Carsem(M), HANA and JCET
JCET DSO8 Gen5	IRS2301STRPBF	SP001546254	PG-DSO-8	Carsem(M) and HANA	Carsem(M), HANA and JCET
JCET DSO8 Gen5	1ED44176N01F	SP001885916	PG-DSO-8	Carsem(M)	Carsem(M) and JCET

Assembly and Final Test Location Change



Group	SalesName	SP	Package	Old Assembly and Final Test Location	New Assembly and Final Test Location
Hana DSO14 Gen2	IR21844SPBF	SP001536960	PG-DSO-14	Carsem(M)	Carsem(M) and HANA
Hana DSO14 Gen2	IR21844STRPBF	SP001539326	PG-DSO-14	Carsem(M)	Carsem(M) and HANA
Hana DSO14 Gen2	98-0372PBF	SP001544150	PG-DSO-14	Carsem(M)	Carsem(M) and HANA
Hana DSO14 Gen2	IR21834STRPBF	SP001544594	PG-DSO-14	Carsem(M)	Carsem(M) and HANA
Hana DSO14 Gen2	IR21834SPBF	SP001547768	PG-DSO-14	Carsem(M)	Carsem(M) and HANA
Hana DSO14 Gen5	IRS21084SPBF	SP001534464	PG-DSO-14	Carsem(M)	Carsem(M) and HANA
Hana DSO14 Gen5	IRS21844SPBF	SP001534714	PG-DSO-14	Carsem(M)	Carsem(M) and HANA
Hana DSO14 Gen5	IRS21864SPBF	SP001534900	PG-DSO-14	Carsem(M)	Carsem(M) and HANA
Hana DSO14 Gen5	IRS24531DSTRPBF	SP001534998	PG-DSO-14	Carsem(M)	Carsem(M) and HANA
Hana DSO14 Gen5	IRS21084STRPBF	SP001542586	PG-DSO-14	Carsem(M)	Carsem(M) and HANA
Hana DSO14 Gen5	IRS21814STRPBF	SP001542912	PG-DSO-14	Carsem(M)	Carsem(M) and HANA
Hana DSO14 Gen5	IRS2453DSTRPBF	SP001543210	PG-DSO-14	Carsem(M)	Carsem(M) and HANA
Hana DSO14 Gen5	IRS21834SPBF	SP001545564	PG-DSO-14	Carsem(M)	Carsem(M) and HANA
Hana DSO14 Gen5	IRS21814SPBF	SP001545676	PG-DSO-14	Carsem(M)	Carsem(M) and HANA
Hana DSO14 Gen5	IRS24531DSPBF	SP001546396	PG-DSO-14	Carsem(M)	Carsem(M) and HANA
Hana DSO14 Gen5	IRS2453DSPBF	SP001546404	PG-DSO-14	Carsem(M)	Carsem(M) and HANA
Hana DSO14 Gen5	IRS21834STRPBF	SP001548648	PG-DSO-14	Carsem(M)	Carsem(M) and HANA
Hana DSO14 Gen5	IRS2890DSPBF	SP001592208	PG-DSO-14	Carsem(M)	Carsem(M) and HANA
Hana DSO14 Gen5	IRS2890DSTRPBF	SP001592212	PG-DSO-14	Carsem(M)	Carsem(M) and HANA
Hana DSO8 Gen2	IR2175SPBF	SP001533300	PG-DSO-8	Carsem(M)	Carsem(M) and HANA
Hana DSO8 Gen2	IR2175STRPBF	SP001533330	PG-DSO-8	Carsem(M)	Carsem(M) and HANA
Hana DSO8 Gen5	IRS2005SPBF	SP001545516	PG-DSO-8	Carsem(M)	Carsem(M) and HANA
Hana DSO8 Gen5	IRS2817DSPBF	SP001547134	PG-DSO-8	Carsem(M)	Carsem(M) and HANA
Hana DSO8 Gen5	IRS2005STRPBF	SP001548596	PG-DSO-8	Carsem(M)	Carsem(M) and HANA
Hana DSO8 Gen5	IRS2817DSTRPBF	SP001549898	PG-DSO-8	Carsem(M)	Carsem(M) and HANA
Hana DSO8 Gen5	IRS2007STRPBF	SP001599814	PG-DSO-8	Carsem(M)	Carsem(M) and HANA
Hana DSO8 Gen5	IRS2008STRPBF	SP001599818	PG-DSO-8	Carsem(M)	Carsem(M) and HANA
Hana DSO8 Gen5	IRS2008SPBF	SP001652868	PG-DSO-8	Carsem(M)	Carsem(M) and HANA
Hana DSO8 Gen5	IRS2007SPBF	SP001697682	PG-DSO-8	Carsem(M)	Carsem(M) and HANA
Hana DSO8 Gen5	IRS2807DSTRPBF	SP001543144	PG-DSO-8	Carsem(M)	Carsem(M) and HANA
Hana DSO8 Gen5	IRS2807DSPBF	SP001543164	PG-DSO-8	Carsem(M)	Carsem(M) and HANA

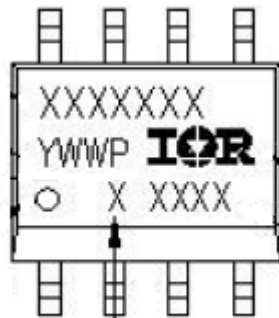
Marking Comparision

› Carsem M

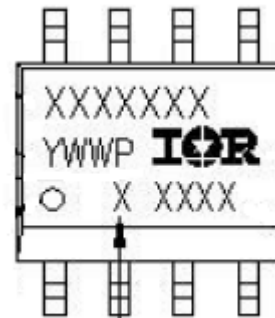
› Hana

› JCET

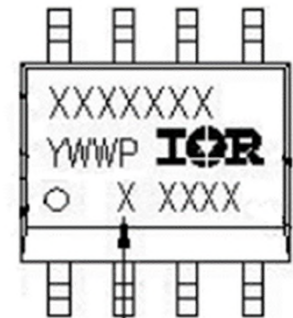
PG-DSO-8



Site Code: C



Site Code: H



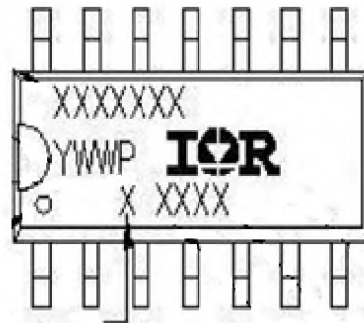
Site Code: B

Marking Comparision

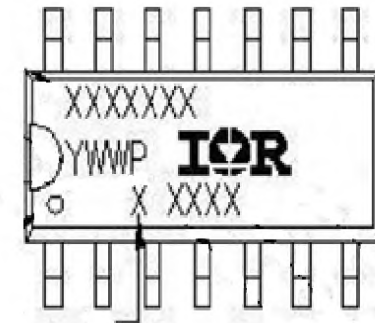
› Carsm M

› Hana

PG-DSO-14



Site Code: C



Site Code: H

JCET DSO8 Gen2 and G5

Assembly And Final Test Location	Old : Carsem(M) and Hana	New : Carsem (M), Hana and JCET
Epoxy	QMI519 and SR4	QMI519, SR4 and EN4900
Mold compound	CEL8240	CEL8240 and EME-G600

Product 1ED44176N01F

Assembly And Final Test Location	Old : Carsem(M)	New : Carsem (M) and JCET
Epoxy	QMI519	QMI519and EN4900
Mold compound	CEL8240	CEL8240 and EME-G600

Hana DSO8 Gen2 and DSO14 Gen2

Assembly And Final Test Location	Old :Carsem (M)	New : Carsem (M) and Hana
Wire	Au	Au and Cu
Mound Compound	6600HR	6600HR and CEL8240

Hana DSO8 Gen5 and DSO14 Gen5

Assembly And Final Test Location	Old :Carsem (M)	New : Carsem (M) and Hana
Epoxy	QMI519	QMI519 and SR4



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PCN N° 2019-051-A

Introduction of an Additional Assembly And Final Test Location at Jiangsu Changjiang Electronics Technology Co., Ltd.(JCET) and HANA Semiconductor (Ayutthaya) Co., Ltd. for dedicated SOIC Products in PG-DSO-8/14



Sales name	SP number	OPN	Package
1ED44176N01F	SP001885916	1ED44176N01FXUMA1	PG-DSO-8
98-0372PBF	SP001544150	98-0372PBF	PG-DSO-14
IR2101STRPBF	SP001547610	IR2101STRPBF	PG-DSO-8
IR2103STRPBF	SP001543892	IR2103STRPBF	PG-DSO-8
IR2104STRPBF	SP001539188	IR2104STRPBF	PG-DSO-8
IR2108STRPBF	SP001547602	IR2108STRPBF	PG-DSO-8
IR2127STRPBF	SP001547386	IR2127STRPBF	PG-DSO-8
IR2175SPBF	SP001533300	IR2175SPBF	PG-DSO-8
IR2175STRPBF	SP001533330	IR2175STRPBF	PG-DSO-8
IR21834SPBF	SP001547768	IR21834SPBF	PG-DSO-14
IR21834STRPBF	SP001544594	IR21834STRPBF	PG-DSO-14
IR21844SPBF	SP001536960	IR21844SPBF	PG-DSO-14
IR21844STRPBF	SP001539326	IR21844STRPBF	PG-DSO-14
IR2301STRPBF	SP001533270	IR2301STRPBF	PG-DSO-8
IR25602STRPBF	SP001544202	IR25602STRPBF	PG-DSO-8
IR25606STRPBF	SP001538664	IR25606STRPBF	PG-DSO-8
IR4427STRPBF	SP001540064	IR4427STRPBF	PG-DSO-8
IRS2003STRPBF	SP001534384	IRS2003STRPBF	PG-DSO-8
IRS2005SPBF	SP001545516	IRS2005SPBF	PG-DSO-8
IRS2005STRPBF	SP001548596	IRS2005STRPBF	PG-DSO-8
IRS2007SPBF	SP001697682	IRS2007SPBF	PG-DSO-8
IRS2007STRPBF	SP001599814	IRS2007STRPBF	PG-DSO-8
IRS2008SPBF	SP001652868	IRS2008SPBF	PG-DSO-8
IRS2008STRPBF	SP001599818	IRS2008STRPBF	PG-DSO-8
IRS2011STRPBF	SP001545508	IRS2011STRPBF	PG-DSO-8
IRS2103STRPBF	SP001545468	IRS2103STRPBF	PG-DSO-8
IRS2106STRPBF	SP001534424	IRS2106STRPBF	PG-DSO-8
IRS21084SPBF	SP001534464	IRS21084SPBF	PG-DSO-14
IRS21084STRPBF	SP001542586	IRS21084STRPBF	PG-DSO-14
IRS2109STRPBF	SP001542776	IRS2109STRPBF	PG-DSO-8
IRS21814SPBF	SP001545676	IRS21814SPBF	PG-DSO-14
IRS21814STRPBF	SP001542912	IRS21814STRPBF	PG-DSO-14
IRS21834SPBF	SP001545564	IRS21834SPBF	PG-DSO-14
IRS21834STRPBF	SP001548648	IRS21834STRPBF	PG-DSO-14
IRS21844SPBF	SP001534714	IRS21844SPBF	PG-DSO-14
IRS21864SPBF	SP001534900	IRS21864SPBF	PG-DSO-14
IRS2301STRPBF	SP001546254	IRS2301STRPBF	PG-DSO-8
IRS2304STRPBF	SP001543034	IRS2304STRPBF	PG-DSO-8
IRS2308STRPBF	SP001543026	IRS2308STRPBF	PG-DSO-8
IRS24531DSPBF	SP001546396	IRS24531DSPBF	PG-DSO-14
IRS24531DSTRPBF	SP001534998	IRS24531DSTRPBF	PG-DSO-14
IRS2453DSPBF	SP001546404	IRS2453DSPBF	PG-DSO-14
IRS2453DSTRPBF	SP001543210	IRS2453DSTRPBF	PG-DSO-14
IRS2807DSPBF	SP001543164	IRS2807DSPBF	PG-DSO-8
IRS2807DSTRPBF	SP001543144	IRS2807DSTRPBF	PG-DSO-8
IRS2817DSPBF	SP001547134	IRS2817DSPBF	PG-DSO-8
IRS2817DSTRPBF	SP001549898	IRS2817DSTRPBF	PG-DSO-8
IRS2890DSPBF	SP001592208	IRS2890DSPBF	PG-DSO-14
IRS2890DSTRPBF	SP001592212	IRS2890DSTRPBF	PG-DSO-14
IRS4427STRPBF	SP001543130	IRS4427STRPBF	PG-DSO-8