PCN Num	PCN Number: 2022052			.1		PCN Da	ate:	May 26, 2022	
Title:	Qualifica	ition of up	date	d BOM option in TA	I, additio	nal Asse	mbly s	ite in MLA	
Customer	Contact		PCN	l Manager		Dept:		Quality Services	
Proposed	1 st Ship	Date:	Aug	22, 2022	Sample accepte	Request d until:	S	Jun 26, 2022	
*Sample	*Sample requests received after June 26, 2022 will not be supported.								
Change T	уре:								
Assen	nbly Site		\boxtimes	Assembly Process			Assembly Materials		
Desig	n			Electrical Specifica	ation		Mechanical Specification		
Test S	Site		\boxtimes	Packing/Shipping/	Labeling		Test Process		
Wafer	Bump Sit	e		Wafer Bump Mate	rial		Wafei	r Bump Process	
Wafer	Wafer Fab Site			Wafer Fab Materials			Wafei	r Fab Process	
			Part number change						
			<u> </u>	PCN Deta	ils				

Description of Change:

Texas Instruments is pleased to announce the qualification of a BOM update in TAI, and new Assembly site in MLA.

BOM/Assembly options are as follows:

	TAI Current	TAI New	MLA
Bond wire diameter composition, diameter	Au, 0.96 mil	1mil PCC Die-> LF .96mil Au Die->Die	1mil PCC Die-> LF .96mil Au Die->Die

	Current Device Symbolization	New Device Symbolization
**ECAT	Include Value	Remove
TI Bug	Include	Replace with "TI" text
Example	MUX508Q 497G4 C2TX	MUX508Q TD 19 C2TX

^{** -} Not all devices necessarily have ECAT information included in the symbolization, but for the ones that do, this information will be removed.

Reason for Change:

Supply continuity.

Anticipated impact on Form, Fit, Function, Quality or Reliability (positive / negative):

None

Impact on Environmental Ratings

Checked boxes indicate the status of environmental ratings following implementation of this change. If below boxes are checked, there are no changes to the associated environmental ratings.

RoHS	REACH	Green Status	IEC 62474
	🛮 No Change		🛚 No Change

Changes to product identification resulting from this PCN:

Assembly Site	Assembly Site Origin (22L)	Assembly Country Code (23L)	Assembly City	
TAI	TAI	TWN	Chung Ho, New Taipei City	
MLA	MLA	MYS	Kuala Lumpur	

Sample product shipping label (not actual product label)

TEXAS INSTRUMENTS MADE IN: Malaysia 200: 20;

2DC: 2G: MSL '2 /260C/1 YEAR SEAL DT MSL 1 /235C/UNLIM 03/29/04

ĬTEM: LBL: 5A (L)TO:3750

(1P) \$N74L\$07N\$R (Q) 2000 (D) 0336 (31T)LOT: 3959047MLA (4W) TKY (1T) 7523483\$12 (P) (2P) REV: (V) 0033317 (201) 650: SHE (211) 600: NYS (22L) ASO: MLA (23L) ACO: MYS

Product Affected:				
AMC1100DWVR	AMC1300BDWVR	SN2004048DWVR	TLA7002DWVR	
AMC1200BDWVR	AMC1300DWVR	TLA7001DWVR		



Automotive New Product Qualification Summary (As per AEC-Q100 and JEDEC Guidelines)

Q100H/Q006 Grade 1 AMC1306M25QDWVRQ1 Approved 17-May-2022 Updated 19-May-2022

Product Attributes

Attributes	Qual Device: AMC1306M25QDWVRQ1	QBS Product Reference: <u>AMC1300BQDWVRQ1</u>	QBS Process Reference: <u>AMC1305M25QDWRQ1</u>	QBS Process Reference: <u>INA210BQDCKRQ1</u>	QBS Process Reference: INA215AQDCKRQ1
Automotive Grade Level	Grade 1	Grade 1	Grade 1	Grade 1	Grade 1
Operating Temp Range	-40 to +125 C	-40 to +125 C	-40 to +125 C	-40 to +125 C	-40 to +125 C
Product Function	Signal Chain	Signal Chain	Signal Chain	Signal Chain	Signal Chain
Wafer Fab Supplier	AIZU, MH8	AIZU, MH8	AIZU, DM5	AIZU	AIZU
Die Revision	A, B	A, B	BC, D, G	D	С
Assembly Site	MLA	MLA	TITL (TAI)	NFME	NFME
Package Type	SOIC	SOIC	SOIC	SOT	SOT
Package Designator	DWV	DWV	DW	DCK	DCK
Ball/Lead Count	8	8	16	6	6

Qualification Results Data Displayed as: Number of lots / Total sample size / Total failed

Туре	#	Test Spec	Mi n Lot Qty	SS/Lo t	Test Name / Condition	Duratio n	Qual Device: AMC1306M25QDWVRQ 1	QBS Product Reference: AMC1300BQDWVRQ 1	QBS Process Reference: AMC1305M25QDWRQ 1	QBS Process Reference: INA210BQDCKRQ 1	QBS Process Reference: INA215AQDCKRQ 1
Te	est Gr	oup A – Acc	celerat	ed Enviro	onment Stress Te	sts					
PC	A 1	JEDEC J-STD- 020 JESD22- A113	3	77	Automotive Preconditionin g Level 2	Level 2- 260C	-	-	-	-	3/948/0
PC	A 1	JEDEC J-STD- 020 JESD22- A113	3	77	Automotive Preconditionin g Level 3	Level 3	-	-	3/960/0	-	-
HAS T	A 2	JEDEC JESD22- A110	3	77	Biased HAST, 130C/85%RH	96 Hours	-	-	3/231/0	-	3/231/0
AC	A 3	JEDEC JESD22- A102	3	77	Autoclave 121C	96 Hours	-	-	3/231/0	-	3/231/0
тс	A 4	JEDEC JESD22- A104 and Appendi x 3	3	77	Temperature Cycle, - 65/150C	500 Cycles	-	-	3/231/0	-	3/231/0
PTC	A 5	JEDEC JESD22- A105	1	45	Power Temperature Cycle	1000 Cycles	N/A	-	-	-	-
HTSL	A 6	JEDEC JESD22- A103	1	45	High Temp Storage Bake 175C	500 Hours	-	-	1/45/0	-	1/45/0

⁻ QBS: Qual By Similarity
- Qual Device AMC1306M25QDWVRQ1 is qualified at LEVEL3-260C
- Device AMC1306M25QDWVRQ1 contains multiple dies.

	Test	Group B –	Accel	erated Li	fetime Simulation 1	ests					
HTOL	B1	JEDEC JESD22- A108	3	77	Life Test, 125C	1000 Hours	-	-	-	-	3/231/0
HTOL	B1	JEDEC JESD22- A108	3	77	Life Test, 150C	Life Test, 150C 408 Hours		-	3/231/0	-	-
ELFR	B2	AEC Q100- 008	3	800	Early Life Failure Rate, 125C	48 Hours	-	-	-	-	3/2400/0
ELFR	B2	AEC Q100- 008	3	800	Early Life Failure Rate, 150C	24 Hours	-	-	12/2505/0	-	-
EDR	В3	AEC Q100- 005	3	77	NVM Endurance, Data Retention, and Operational Life	-	N/A	-	-	-	-
	Te	st Group C	– Pac	kage Ass	embly Integrity Te	sts					
WBS	C1	AEC Q100- 001	1	30	Auto Wire Bond Shear	Wires	-	1/30/0	-	-	1/30/0
WBP	C2	MIL- STD883 Method 2011	1	30	Auto Wire Bond Pull	Minimum of 5 devices, 30 wires Cpk>1.33, Ppk>1.67	1/30/0	1/30/0	3/90/0	-	1/30/0
LI	C6	JEDEC JESD22- B105	1	50	Lead Fatigue	To Destruction	-	-	1/50/0	-	-
	Te	est Group D	– Die	Fabrica	tion Reliability Tes	ts					
EM	D1	JESD61	-	-	Electromigration	-	Completed Per Process Technology Requirements	-	-	-	-
TDDB	D2	JESD35	'	-	Time Dependant Dielectric Breakdown	,	Completed Per Process Technology Requirements	-	-	-	1
HCI	D3	JESD60 & 28	'	-	Hot Injection Carrier	,	Completed Per Process Technology Requirements	-	-	-	•
NBTI	D4	-	-	-	Negative Bias Temperature Instability	-	Completed Per Process Technology Requirements	-	-	-	-
SM	D5	-	-	-	Stress Migration	-	Completed Per Process Technology Requirements	-	-	-	-
_											
			E – E	lectrical	Verification Tests						
нвм	F2	AEC Q100-	1	3	ESD - HBM -	4000V			1/3/0		

		Test Group	E – E	Electrical	Verification Tests						
нвм	E2	AEC Q100- 002	1	3	ESD - HBM - Q100	4000V	-	-	1/3/0	-	
CDM	E3	AEC Q100- 011	1	3	ESD - CDM - Q100	1500V	-	-	1/3/0	-	-
LU	E4	AEC Q100- 004	1	6	Latch-up	(Per AEC- Q100-004)	1/6/0	1/6/0	1/6/0	1/6/0	-
ED	E5	AEC Q100- 009	3	30	Auto Electrical Distributions	Cpk>1.67	1/30/0	1/30/0	3/90/0	9/270/0	•
MQ			'	-	Manufacturability (Auto Assembly)	(per automotive requirements)	Pass	Pass	Pass	-	Pass
YLD			-	-	FTY and Bin Summary	-	Pass	Pass	-	-	-

A1 (PC): Preconditioning:
Performed for THB, Biased HAST, AC, uHAST, TC & PTC samples, as applicable.

Ambient Operating Temperature by Automotive Grade Level: Grade 0 (or E): -40° C to $+150^{\circ}$ C Grade 1 (or Q): -40° C to $+125^{\circ}$ C Grade 2 (or T): -40° C to $+105^{\circ}$ C Grade 3 (or I): -40° C to $+85^{\circ}$ C

E1 (TEST): Electrical test temperatures of Qual samples (High temperature according to Grade level):

Room/Hot/Cold: HTOL, ED

Room/Hot: THB / HAST, TC / PTC, HTSL, ELFR, ESD & LU

Room: AC/uHAST

Green/Pb-free Status: Qualified Pb-Free(SMT) and Green

This device qualifies the following devices are qualified in assembly site:

TI Qualification ID: 20210609-140507



Automotive New Product Qualification Summary (As per AEC-Q100 and JEDEC Guidelines)

Q100H Grade 2 AMC1200TDWVRQ1 Approved 16-May-2022 Updated 19-May-2022

Product Attributes

Attributes	Qual Device: AMC1200TDWVRQ1	QBS Product Reference: <u>AMC1200STDUBRQ1</u>	QBS Process Reference: AMC1200TDWVRQ1		
Automotive Grade Level	Grade 2	Grade 2	Grade 2		
Operating Temp Range	-40 to +105 C	-40 to +105 C	-40 to +105 C		
Product Function	Multiple	Signal Chain	Multiple		
Wafer Fab Supplier	DP1DM5, TSMC-WF2	DMOS5, TSMC-WF2	DMOS 5, TSMC		
Die Revision	F, G	F, G	F, G		
Assembly Site	MLA	MLA	TAI / TITL		
Package Type	SOIC	SOP	SOP		
Package Designator	DWV	DUB	DWV		
Ball/Lead Count	8	8	8		

Qualification Results Data Displayed as: Number of lots / Total sample size / Total failed

Туре	#	Test Spec	Min Lot Qty	SS/Lot	Test Name / Condition	Duration	Qual Device: AMC1200TDWVRQ1	QBS Product Reference: AMC1200STDUBRQ1	QBS Process Reference: AMC1200TDWVRQ1
		Test Group A	 Accelera 	ated Envir	onment Stress Tests				
PC	A1	JEDEC J-STD-020 JESD22-A113	3	77	Automotive Preconditioning Level 2	L2-260C	1/0/0	-	3/300/0
PC	A1	JEDEC J-STD-020 JESD22-A113	3	77	Preconditioning	Level 3- 260C	-	3/0/0	-
HAST	A2	JEDEC JESD22-A110	3	77	Biased HAST, 130C/85%RH	96 Hours	-	3/231/0	3/231/0
AC	АЗ	JEDEC JESD22-A102	3	77	Autoclave 121C	96 Hours	1/77/0	3/231/0	3/231/0
TC	A4	JEDEC JESD22-A104 and Appendix 3	3	77	Temperature Cycle, -65/150C	500 Cycles	1/77/0	3/231/0	3/231/0
PTC	A5	JEDEC JESD22-A105	1	45	Power Temperature Cycle	1000 Cycles	N/A	-	-
HTSL	A6	JEDEC JESD22-A103	1	45	High Temp Storage Bake 150C	1000 Hours	-	3/231/0	3/135/0
		Test Group B	- Acceler	ated Lifeti	me Simulation Tests				
HTOL	B1	JEDEC JESD22-A108	3	77	Life Test, 150C	300 Hours	-	3/231/0	-
HTOL	B1	JEDEC JESD22-A108	3	77	High Temperature Operating Life, 150C	408 Hours	-	-	3/231/0
ELFR	B2	AEC Q100-008	3	800	Early Life Failure Rate, 125C	24 Hours	-	3/840/0	3/2400/1(1)
EDR	В3	AEC Q100-005	3	77	NVM Endurance, Data Retention, and Operational Life	-	N/A	-	-

⁻ QBS: Qual By Similarity
- Qual Device AMC1200TDWVRQ1 is qualified at LEVEL2-260C
- Device AMC1200TDWVRQ1 contains multiple dies.

			Test Gro	лр С	– Pa	ckage Assembly Integrity Tests					
	WBS	C1	AEC Q100-001	1	30	Auto Wire Bond Shear	wires	-	3/228/0	3/90/0	
	WBP	C2	MIL-STD883 Method 2011	1	30	Bond Pull	Bond Pull wires -		3/228/0	3/90/0	
	SD	С3	JEDEC JESD22-B102	1	15	Surface Mount Solderability w Bake Precon	Ph Free Solder -			1/15/0	
	SD	С3	JEDEC JESD22-B102	1	15	Surface Mount Solderability w Bake Precon	Pb Solder	-	3/36/0	1/15/0	
	PD	C4	JEDEC JESD22-B100 and B108	3	10	Auto Physical Dimensions	Cpk>1.67	-	3/30/0	3/30/0	
	LI	C6	JEDEC JESD22-B105	1	50	Lead Pull to Destruction	Leads	-	1/24/0	-	
	LI	C6	JEDEC JESD22-B105	1	50	Lead Pull to Destruction	ead Pull to Destruction Wires 1/6/0		-	-	
	Test Group D – Die Fabrication Reliability Tests										
	EM	D1	JESD61	-	-	Electromigration	-	Completed Per Process Technology Requirements	-	-	
Π	TDDB	D2	JESD35	-	-	Time Dependent Dielectric Breakdown	-	Completed Per Process Technology Requirements	-	-	
	HCI	D3	JESD60 & 28	-	-	Hot Injection Carrier	-	Completed Per Process Technology Requirements	-	-	
	NBTI	D4	-	-	-	Negative Bias Temperature Instability	-	Completed Per Process Technology Requirements	-	-	
	SM	D5	-	-	-	Stress Migration	-	Completed Per Process Technology Requirements	-	-	
			Test 0	Grou	pE-	Electrical Verification Tests					
	нвм	E2	AEC Q100-002	1	3	ESD - HBM - Q100	3000 V	1/3/0	-	1/3/0	
Ш	CDM	E3	AEC Q100-011	1	3	ESD - CDM - Q100	1500 V 1/3/0		1/3/0	1/3/0	
	LU	E4	AEC Q100-004	1	6	Latch-up	Latch-up Ta=105C 1/6/0		-	-	
	ED	E5	AEC Q100-009	3	30	Auto Electrical Distributions	Cpk>1.67 Room, hot, and cold test	1/30/0	3/90/0	3/90/0	
				oup	G – (Cavity Package Integrity Tests					
	DS	G7	MIL-STD-883 Method 2019	1	5	Die Shear	-	-	3/30/0	-	

MQ		-	-	Manufacturability (Auto Assembly)	Pass	Pass	-	
MSL		-	-	Thermal Path Integrity, JEDEC	L3-260C	-	3/36/0	-
MSL		-	-	Thermal Path Integrity, JEDEC, L2	L2-260C	1/12/0	-	3/36/0
YLD		-	-	FTY and Bin Summary	-	Pass	-	-

A1 (PC): Preconditioning:
Performed for THB, Biased HAST, AC, uHAST, TC & PTC samples, as applicable.

Ambient Operating Temperature by Automotive Grade Level: Grade 0 (or E): -40°C to $+150^{\circ}\text{C}$ Grade 1 (or Q): -40°C to $+125^{\circ}\text{C}$ Grade 2 (or T): -40°C to $+105^{\circ}\text{C}$ Grade 3 (or I): -40°C to $+85^{\circ}\text{C}$

E1 (TEST): Electrical test temperatures of Qual samples (High temperature according to Grade level): Room/Hot/Cold: HTOL, ED Room/Hot: THB / HAST, TC / PTC, HTSL, ELFR, ESD & LU Room: AC/uHAST

(1): 1 failure due to EOS QTS FA453167-1

Green/Pb-free Status:

Qualified Pb-Free(SMT) and Green

TI Qualification ID: 20210423-139758



Automotive New Product Qualification Summary (As per AEC-Q100 and JEDEC Guidelines)

Q100H Grade 1 AMC1300BQDWVRQ1 Approved MAY-17-2022 Updated MAY-19-2022

Product Attributes

Attributes	Qual Device: AMC1300BQDWVRQ1	QBS Product Reference: <u>AMC1311CQDWVRQ1</u>	QBS Process Reference: <u>AMC1305M25QDWRQ1</u>	QBS Process Reference: INA215AQDCKRQ1
Automotive Grade Level	Grade 1	Grade 1	Grade 1	Grade 1
Operating Temp Range	-40 to +125 C	-40 to +125 C	-40 to +125 C	-40 to +125 C
Product Function	Signal Chain	Signal Chain	Signal Chain	Signal Chain
Wafer Fab Supplier	AIZU, MH8	AIZU, MH8	AIZU, DM5-DALLAS, DMOS 5	AIZU
Die Revision	A, B	A, B	BC, D, G	С
Assembly Site	MLA	MLA	TITL (TAI)	NFME
Package Type	SOIC	SOIC	SOIC	SOT
Package Designator	DWV	DWV	DW	DCK
Ball/Lead Count	8	8	16	6

Qualification Results Data Displayed as: Number of lots / Total sample size / Total failed

±	Туре	#	Test Spec est Group A – Acc	Min Lot Qty	SS/Lot	Test Name / Condition	Duration	Qual Device: AMC1300BQDWVRQ1	QBS Product Reference: AMC1311CQDWVRQ1	QBS Process Reference: AMC1305M25QDWRQ1	QBS Process Reference: INA215AQDCKRQ1
		<u>'</u>		elerated	Environi						
	PC	A1	JEDEC J-STD- 020 JESD22- A113	3	77	Automotive Preconditioning Level 2	Level 2- 260C	-	-	-	3/948/0
	PC	A1	JEDEC J-STD- 020 JESD22- A113	3	77	Automotive Preconditioning Level 3	L3-260C	-	3/0/0	3/960/0	-
	HAST	A2	JEDEC JESD22-A110	3	77	Biased HAST, 130C/85%RH	96 Hours	-	3/231/0	3/231/0	3/231/0
	AC	А3	JEDEC JESD22-A102	3	77	Autoclave 121C	96 Hours	-	-	3/231/0	3/231/0
	UHAST	А3	JEDEC JESD22-A102	-	-	Unbiased HAST 130C/85%RH	96 Hours	-	3/231/0	-	-
	TC	A4	JEDEC JESD22-A104 and Appendix 3	3	77	Temperature Cycle, -65/150C	500 Cycles	-	3/231/0	3/231/0	3/231/0
	PTC	A5	JEDEC JESD22-A105	1	45	Power Temperature Cycle	1000 Cycles	N/A	-	-	-
	HTSL	A6	JEDEC JESD22-A103	1	45	High Temp Storage Bake 175C	500 Hours	-	3/135/0	1/45/0	1/45/0

Ball/Lead Count

- QBS: Qual by Similarity

- Qual Device AMC1300BQDWVRQ1 is qualified at LEVEL3-260C

- Device AMC1300BQDWVRQ1 contains multiple dies.

		Test Gro	ир Е	B – Acc	celerated Lifetime Simulation Tests					
нт	OL E	A108	3	77	Life Test, 125C	1000 Hours	-	-	-	3/231/0
нт	OL E	1 JEDEC JESD22- A108	3	77	Life Test, 150C	408 Hours	-	1/77/0	3/231/0	-
EL	.FR E	2 AEC Q100-008	3	800	Early Life Failure Rate, 125C	48 Hours	-	-	-	3/2400/0
EL	.FR E	2 AEC Q100-008	3	800	Early Life Failure Rate, 150C	24 Hours	-	-	12/2505/0	-
E	DR E	3 AEC Q100-005	3	77	NVM Endurance, Data Retention, and Operational Life	-	N/A	-	-	-
		Test G	roup	C-P	ackage Assembly Integrity Tests					
W	BS C	1 AEC Q100-001	1	30	Auto Wire Bond Shear	Minimum of 5 devices, 30 wires Cpk>1.67	1/30/0	3/90/0	3/90/0	1/30/0
W	BP C	2011	1	30	Auto Wire Bond Pull	Minimum of 5 devices, 30 wires Cpk>1.67	1/30/0	3/90/0	3/90/0	1/30/0
S	SD C	B102	1	15	Pb Free Surface Mount Solderability	Pb Free	-	1/15/0	-	-
F	D O	B100 and B108	3	10	Auto Physical Dimensions	Cpk>1.67	-	1/30/0	-	-
ı	LI C	B105	1	50	Lead Pull	leads	1/24/0	1/24/0	1/5/0	-
		Test (Grou	p D – l	Die Fabrication Reliability Tests					
E	M C	1 JESD61	-	-	Electromigration	-	Completed Per Process Technology Requirements	-	-	-
TD	DB C	2 JESD35	-	-	Time Dependant Dielectric Breakdown	-	Completed Per Process Technology Requirements	-	-	-
Н	ICI E	3 JESD60 & 28	-	-	Hot Injection Carrier	-	Completed Per Process Technology Requirements	-	-	-
N	вті С	-	-	-	Negative Bias Temperature Instability	-	Completed Per Process Technology Requirements	-	-	-
S	SM E	5 -	-	-	Stress Migration	-	Completed Per Process Technology Requirements	-	-	-
		Tes	t Gr	oup E	– Electrical Verification Tests					
H	вм Е	2 AEC Q100-002	1	3	Auto ESD HBM	4000V	1/3/0	-		-
CI	DM E	3 AEC Q100-011	1	3	Auto ESD CDM	1500V	1/3/0	-	-	-
L	.U E	4 AEC Q100-004	1	6	Latch-up	(Per AEC-Q100-004)	1/6/0	1/6/0	1/6/0	-
E	D E	5 AEC Q100-009	3	30	Auto Electrical Distributions	Cpk>1.67 Room, hot, and cold test	1/30/0	1/30/0	3/90/0	-

-		-	-	Automotive L3 Powerpad Moisture Sensitivity	-	3/36/0	-	-	
FLAM		-	-	Flammability (IEC 695-2-2)	Method B/IEC 695-2-2	-	1/5/0	-	-
FLAM		-	-	Flammability (UL 94V-0)	Method A/UL 94V-0	-	1/5/0	-	-
FLAM		-	-	Flammability (UL-1694)	Method C/UL-1694	-	1/5/0	-	-
MQ		-	-	Manufacturability (Auto Assembly)	(per automotive requirements)	Pass	Pass	Pass	Pass
MQ		-	-	Manufacturability (Wafer Fab)	(per mfg. Site specification)	Pass	Pass	-	-
YLD		-	-	FTY and Bin Summary	-	Pass	-	-	-

A1 (PC): Preconditioning:
Performed for THB, Blased HAST, AC, uHAST, TC & PTC samples, as applicable.

Ambient Operating Temperature by Automotive Grade Level: Grade 0 (or E): -40°C to $+150^{\circ}\text{C}$ Grade 1 (or Q): -40°C to $+125^{\circ}\text{C}$ Grade 2 (or T): -40°C to $+105^{\circ}\text{C}$ Grade 3 (or I): -40°C to $+85^{\circ}\text{C}$

E1 (TEST): Electrical test temperatures of Qual samples (High temperature according to Grade level):

Room/Hot/Cold: HTOL, ED

Room/Hot: THB / HAST, TC / PTC, HTSL, ELFR, ESD & LU

Room: AC/uHAST

Green/Pb-free Status: Qualified Pb-Free(SMT) and Green

TI Qualification ID: 20210315-139117

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For questions regarding this notice, e-mails can be sent to the contacts shown below or your local Field Sales Representative.

Location	E-Mail					
WW Change Management Team	PCN www admin_team@list.ti.com					

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