



## Product Change Notification / LIAL-23CCBP390

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**Date:**

15-Feb-2022

**Product Category:**

AntiFuse FPGAs, General Purpose FPGAs, System On Chip FPGAs

**PCN Type:**

Manufacturing Change

**Notification Subject:**

eSign # E000089324 Final Notice: Qualification of ASEM as a new assembly site for selected Microsemi products available in 144L, 256L, and 324L LFBGA, 281L and 288L TFBGA packages.

**Affected CPNs:**

[LIAL-23CCBP390\\_Affected\\_CPN\\_02152022.pdf](#)

[LIAL-23CCBP390\\_Affected\\_CPN\\_02152022.csv](#)

**Notification Text:**

**PCN Status:**Final Notification

**PCN Type:**Manufacturing Change

**Microchip Parts Affected:**Please open one of the files found in the Affected CPNs section.

Note: For your convenience Microchip includes identical files in two formats (.pdf and .xls)

**Description of Change:**Qualification of ASEM as a new assembly site for selected Microsemi products available in 144L, 256L, and 324L LFBGA, 281L and 288L TFBGA packages.

**Pre and Post Change Summary:**

	Pre-Change	Post Change
Assembly Site	UTAC Dongguan Limited	ASE Group -Malaysia

	(UDG)		(ASEM)	
<b>Wire material</b>	Au	CuPd	Au	CuPdAu
	Refer to attached excel file for details of material change by device.			
<b>Die attach material</b>	CRM-1076WB	CRM1525D	2100A	
	Refer to attached excel file for details of material change by device.			
<b>Molding compound material</b>	KE-G1250LKDS-30		G750E	
	Refer to attached excel file for details of material change by device.			
<b>Solder Ball</b>	SAC305	SnPb	SAC305	SnPb
	Refer to attached excel file for details of material change by device.			

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve productivity by qualifying ASEM as a new assembly site.

Note: Because of capacity constraints that have been observed throughout the industry there may be limited or no inventory available as identified in the pre-change.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**February 28, 2022 (date code: 2210)

Note: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

**Time Table Summary:**

	June 2021					>	February 2022				
Workweek	2	2	2	2	2		0	0	0	0	1
	3	4	5	6	7		6	7	8	9	0
Initial PCN Issue Date				X							

Qual Report Availability									X			
Final PCN Issue Date									X			
Estimated Implementation Date												X

**Method to Identify Change:**1. Traceability code  
2. Parts can be identified by Country of Origin marked on the unit. CHN (China) for devices built at UDG. MYS (Malaysia) for devices built at ASEM.

**Qualification Report:**Please open the attachments included with this PCN labeled as PCN\_#\_Qual\_Report.

**Revision History:**

**June 25, 2021:** Issued initial notification.

**February 10, 2022:** Issued final Notification under eSign# E000089324. Initial PCN was issued with reference Memo # ML062021004D & TRB# WW22. Attached the qualification report. Provided estimated first ship date to be on February 28, 2022.

**February 15, 2022:** Re-issued the Final notification to correct the affected CPN list.

The change described in this PCN does not alter Microchip’s current regulatory compliance regarding the material content of the applicable products.

**Attachments:**

- [PCN\\_LIAL-23CCBP390\\_Affected CPN\\_with materials.pdf](#)
- [PCN\\_LIAL-23CCBP390\\_Affected CPN\\_with materials.xlsx](#)
- [PCN\\_LIAL-23CCBP390\\_Qual Report\\_PA-237\\_Au wire.pdf](#)
- [PCN\\_LIAL-23CCBP390\\_Qual Report\\_PA-233\\_CuPdAu wire.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Part Numbers	Wire type		Epoxy		Mold Compound		Solder Ball	
	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change
A3P1000-FG144MX399	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P125-FGG144GW	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-FGG256GW	CuPd	Au	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS1500-FG256IDX402	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS1500-FG256IX456	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F200M3F-1FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F200M3F-1FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F200M3F-1FG256IX3	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F200M3F-1FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F200M3F-1FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F200M3F-FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F200M3F-FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F200M3F-FG256IX94	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F200M3F-FG256YI	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F200M3F-FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F200M3F-FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F500M3G-1CS288	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F500M3G-1CS288I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F500M3G-1CSG288	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F500M3G-1CSG288I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F500M3G-1CSG288IQ091	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F500M3G-1CSG288IZ091	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F500M3G-1CSG288IZ265	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F500M3G-CS288	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F500M3G-CS288I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F500M3G-CSG288	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F500M3G-CSG288I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F500M3G-1FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F500M3G-1FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F500M3G-1FG256IX94	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F500M3G-1FG256M	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F500M3G-1FG256YI	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F500M3G-1FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F500M3G-1FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F500M3G-1FGG256IX3	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F500M3G-1FGG256M	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F500M3G-FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F500M3G-FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F500M3G-FG256M	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F500M3G-FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F500M3G-FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F500M3G-FGG256M	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P060-1FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb

Affected Part Numbers	Wire type		Epoxy		Mold Compound		Solder Ball	
	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change
A3P060-1FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P060-1FG144T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P060-1FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P060-1FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P060-1FGG144T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P060-2FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P060-2FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P060-2FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P060-2FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P060-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P060-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P060-FG144T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P060-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P060-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P060-FGG144T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-1FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-1FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-1FG144M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-1FG144T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-1FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-1FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-1FGG144M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-1FGG144T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-2FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-2FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-2FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-2FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-FG144D	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-FG144IX94	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-FG144M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-FG144MX3	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-FG144MX6	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-FG144MX94	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-FG144T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-FGG144M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-FGG144Q175	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-FGG144T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-1FG144X538	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-FG144IX538	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb

Affected Part Numbers	Wire type		Epoxy		Mold Compound		Solder Ball	
	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change
A3P1000-FGG144IX94	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000L-1FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000L-1FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000L-1FG144ID	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000L-1FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000L-1FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000L-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000L-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000L-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000L-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000L-FGG144IX167	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000-1FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000-1FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000-1FG144M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000-1FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000-1FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000-1FGG144M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000-2FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000-2FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000-2FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000-2FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000-FG144M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000-FGG144M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000L-1FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000L-1FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000L-1FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000L-1FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000L-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000L-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000L-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000L-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M7A3P1000-1FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M7A3P1000-1FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M7A3P1000-1FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M7A3P1000-1FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M7A3P1000-2FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M7A3P1000-2FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M7A3P1000-2FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M7A3P1000-2FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305

Affected Part Numbers	Wire type		Epoxy		Mold Compound		Solder Ball	
	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change
M7A3P1000-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M7A3P1000-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M7A3P1000-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M7A3P1000-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-1FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-1FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-1FG256M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-1FG256T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-1FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-1FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-1FGG256M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-1FGG256T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-2FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-2FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-2FG256IX45	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-2FG256M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-2FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-2FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-2FGG256M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-FG256IX277	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-FG256IX538	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-FG256M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-FG256T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-FGG256IX277	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-FGG256IX377	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-FGG256M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-FGG256T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000-FGG256X53	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000L-1FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000L-1FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000L-1FG256IX3	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000L-1FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000L-1FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000L-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000L-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000L-FG256X3	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P1000L-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P1000L-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000-1FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb



Affected Part Numbers	Wire type		Epoxy		Mold Compound		Solder Ball	
	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change
M1A3P1000-1FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000-1FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000-1FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000-2FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000-2FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000-2FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000-2FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000L-1FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000L-1FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000L-1FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000L-1FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000L-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000L-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P1000L-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P1000L-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M7A3P1000-1FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M7A3P1000-1FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M7A3P1000-1FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M7A3P1000-1FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M7A3P1000-2FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M7A3P1000-2FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M7A3P1000-2FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M7A3P1000-2FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M7A3P1000-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M7A3P1000-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M7A3P1000-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M7A3P1000-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P125-1FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P125-1FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P125-1FG144T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P125-1FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P125-1FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P125-1FGG144T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P125-2FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P125-2FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P125-2FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P125-2FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P125-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P125-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb

Affected Part Numbers	Wire type		Epoxy		Mold Compound		Solder Ball	
	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change
A3P125-FG144T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P125-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P125-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P125-FGG144IPW48	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P125-FGG144PR85	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P125-FGG144T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P125-FGG144X277	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-1FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P250-1FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P250-1FG144IX94	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P250-1FG144M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P250-1FG144T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P250-1FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-1FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-1FGG144IX94	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-1FGG144T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-2FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P250-2FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P250-2FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-2FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-2FGG144IX538	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P250-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P250-FG144IX53	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P250-FG144T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P250-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-FGG144IX7	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-FGG144T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P250-1FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P250-1FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P250-1FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P250-1FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P250-2FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P250-2FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P250-2FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P250-2FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P250-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P250-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P250-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P250-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-1FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P250-1FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb

Affected Part Numbers	Wire type		Epoxy		Mold Compound		Solder Ball	
	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change
A3P250-1FG256T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P250-1FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-1FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-1FGG256T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-2FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P250-2FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P250-2FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-2FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P250-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P250-FG256IX94	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P250-FG256T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P250-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-FGG256T	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-FGG256X365	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-FGG256X399	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P250-FGG256IX94	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P400-1FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P400-1FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P400-1FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P400-1FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P400-2FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P400-2FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P400-2FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P400-2FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P400-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P400-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P400-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P400-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P400-1FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P400-1FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P400-1FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P400-1FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P400-2FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P400-2FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P400-2FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P400-2FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P400-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P400-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P400-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P400-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P400-1FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb

Affected Part Numbers	Wire type		Epoxy		Mold Compound		Solder Ball	
	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change
A3P400-1FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P400-1FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P400-1FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P400-2FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P400-2FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P400-2FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P400-2FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P400-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P400-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P400-FG256IX94	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P400-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P400-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P400-FGG256IX94	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P400-1FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P400-1FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P400-1FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P400-1FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P400-2FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P400-2FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P400-2FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P400-2FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P400-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P400-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P400-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P400-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P600-1FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P600-1FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P600-1FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P600-1FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P600-2FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P600-2FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P600-2FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P600-2FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P600-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P600-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P600-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P600-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P600L-1FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P600L-1FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P600L-1FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P600L-1FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P600L-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P600L-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb

Affected Part Numbers	Wire type		Epoxy		Mold Compound		Solder Ball	
	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change
A3P600L-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P600L-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P600-1FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P600-1FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P600-1FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P600-1FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P600-2FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P600-2FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P600-2FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P600-2FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P600-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P600-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P600-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P600-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P600L-1FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P600L-1FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P600L-1FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P600L-1FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P600L-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P600L-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P600L-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P600L-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P600-1FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P600-1FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P600-1FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P600-1FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P600-2FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P600-2FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P600-2FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P600-2FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P600-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P600-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3P600-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P600-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P600-FGG256IPR23	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3P600-FGG256IPZ69	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P600-1FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P600-1FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P600-1FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P600-1FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P600-2FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P600-2FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P600-2FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305

Affected Part Numbers	Wire type		Epoxy		Mold Compound		Solder Ball	
	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change
M1A3P600-2FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P600-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P600-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3P600-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3P600-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3PE3000-1FG324	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3PE3000-1FG324I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3PE3000-1FGG324	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3PE3000-1FGG324I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3PE3000-2FG324	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3PE3000-2FG324I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3PE3000-2FG324ID	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3PE3000-2FGG324	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3PE3000-2FGG324I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3PE3000-FG324	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3PE3000-FG324I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3PE3000-FGG324	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3PE3000-FGG324I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3PE3000L-1FG324	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3PE3000L-1FG324I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3PE3000L-1FG324ID	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3PE3000L-1FGG324	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3PE3000L-1FGG324I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3PE3000L-FG324	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3PE3000L-FG324I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3PE3000L-FGG324	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3PE3000L-FGG324I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3PE3000L-FGG324IX6	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3PE3000-1FG324	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3PE3000-1FG324I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3PE3000-1FGG324	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3PE3000-1FGG324I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3PE3000-2FG324	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3PE3000-2FG324I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3PE3000-2FGG324	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3PE3000-2FGG324I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3PE3000-FG324	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3PE3000-FG324I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1A3PE3000-FGG324	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1A3PE3000-FGG324I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3PE600-1FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3PE600-1FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3PE600-1FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305

Affected Part Numbers	Wire type		Epoxy		Mold Compound		Solder Ball	
	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change
A3PE600-1FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3PE600-2FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3PE600-2FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3PE600-2FG256IX7	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3PE600-2FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3PE600-2FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3PE600-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3PE600-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3PE600-FG256IX6	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A3PE600-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A3PE600-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS1500-1FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS1500-1FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS1500-1FG256K	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS1500-1FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS1500-1FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS1500-1FGG256K	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS1500-2FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS1500-2FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS1500-2FG256IX94	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS1500-2FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS1500-2FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS1500-FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS1500-FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS1500-FG256K	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS1500-FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS1500-FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS1500-FGG256IW	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS1500-FGG256K	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS1500-1FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS1500-1FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS1500-1FG256K	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS1500-1FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS1500-1FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS1500-1FGG256K	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS1500-2FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS1500-2FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS1500-2FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS1500-2FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS1500-FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS1500-FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS1500-FG256K	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS1500-FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305

Affected Part Numbers	Wire type		Epoxy		Mold Compound		Solder Ball	
	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change
M1AFS1500-FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS1500-FGG256K	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
P1AFS1500-2FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
P1AFS1500-2FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
P1AFS1500-2FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
P1AFS1500-2FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
U1AFS1500-FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
U1AFS1500-FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
U1AFS1500-FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
U1AFS1500-FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS600-1FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS600-1FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS600-1FG256K	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS600-1FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS600-1FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS600-1FGG256K	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS600-2FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS600-2FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS600-2FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS600-2FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS600-FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS600-FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS600-FG256IX3	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS600-FG256IX94	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS600-FG256K	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS600-FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS600-FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS600-FGG256IX94	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS600-FGG256K	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS600-FGG256X297	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS600-1FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS600-1FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS600-1FG256K	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS600-1FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS600-1FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS600-1FGG256K	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS600-2FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS600-2FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS600-2FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS600-2FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS600-FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS600-FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb



Affected Part Numbers	Wire type		Epoxy		Mold Compound		Solder Ball	
	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change
M1AFS600-FG256K	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS600-FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS600-FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS600-FGG256K	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M7AFS600-1FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M7AFS600-1FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M7AFS600-1FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M7AFS600-1FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M7AFS600-2FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M7AFS600-2FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M7AFS600-2FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M7AFS600-2FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M7AFS600-FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M7AFS600-FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M7AFS600-FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M7AFS600-FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
P1AFS600-2FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
P1AFS600-2FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
P1AFS600-2FG256IX297	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
P1AFS600-2FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
P1AFS600-2FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
P1AFS600-FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
P1AFS600-FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
U1AFS600-FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
U1AFS600-FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
U1AFS600-FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
U1AFS600-FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL1000V2-CS281	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL1000V2-CS281I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL1000V2-CSG281	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL1000V2-CSG281I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL1000V5-CS281	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL1000V5-CS281I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL1000V5-CSG281	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL1000V5-CSG281I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL1000V5-CSG281ID	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL1000V2-CS281	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL1000V2-CS281I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL1000V2-CSG281	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL1000V2-CSG281I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL1000V5-CS281	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL1000V5-CS281I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL1000V5-CSG281	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305

Affected Part Numbers	Wire type		Epoxy		Mold Compound		Solder Ball	
	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change
M1AGL1000V5-CSG281I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL1000V2-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL1000V2-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL1000V2-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL1000V2-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL1000V5-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL1000V5-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL1000V5-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL1000V5-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL1000V2-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL1000V2-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL1000V2-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL1000V2-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL1000V5-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL1000V5-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL1000V5-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL1000V5-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL1000V2-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL1000V2-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL1000V2-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL1000V2-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL1000V5-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL1000V5-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL1000V5-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL1000V5-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL1000V2-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL1000V2-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL1000V2-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL1000V2-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL1000V5-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL1000V5-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL1000V5-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL1000V5-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL125V2-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL125V2-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL125V2-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL125V2-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL125V5-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL125V5-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL125V5-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL125V5-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL250V2-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL250V2-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb

Affected Part Numbers	Wire type		Epoxy		Mold Compound		Solder Ball	
	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change
AGL250V2-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL250V2-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL250V5-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL250V5-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL250V5-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL250V5-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL250V5-FGG144IX130	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL250V5-FGG144IX94	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL250V2-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL250V2-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL250V2-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL250V2-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL250V5-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL250V5-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL250V5-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL250V5-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL400V2-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL400V2-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL400V2-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL400V2-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL400V5-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL400V5-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL400V5-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL400V5-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL600V2-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL600V2-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL600V2-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL600V2-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL600V5-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL600V5-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL600V5-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL600V5-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL600V2-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL600V2-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL600V2-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL600V2-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL600V5-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL600V5-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL600V5-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL600V5-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL600V2-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL600V2-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL600V2-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305

Affected Part Numbers	Wire type		Epoxy		Mold Compound		Solder Ball	
	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change
AGL600V2-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL600V2-FG256IX45	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL600V5-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL600V5-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL600V5-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL600V5-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL600V2-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL600V2-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL600V2-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL600V2-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL600V5-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL600V5-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL600V5-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL600V5-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA075-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA075-FG144A	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA075-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA075-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA075-FGG144A	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA075-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA075-FGG144IXN42	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA150-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA150-FG144A	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA150-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA150-FG144IX94	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA150-FG144IX95	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA150-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA150-FGG144A	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA150-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA150-FGG144IX3	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA150-FGG144IX94	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA150-FGG144IX95	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA150-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA150-FG256A	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA150-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA150-FG256IPM61	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA150-FG256IX95	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA150-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA150-FGG256A	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA150-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA150-FGG256IX95	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA300-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA300-FG144A	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb

Affected Part Numbers	Wire type		Epoxy		Mold Compound		Solder Ball	
	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change
APA300-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA300-FG144IX3	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA300-FG144IX6	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA300-FG144IX94	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA300-FG144M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA300-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA300-FGG144A	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA300-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA300-FGG144M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA300-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA300-FG256A	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA300-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA300-FG256IX94	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA300-FG256IX95	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA300-FG256M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA300-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA300-FGG256A	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA300-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA300-FGG256IX95	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA300-FGG256M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA450-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA450-FG256A	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA450-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA450-FG256IX458	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA450-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA450-FGG256A	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA450-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA450-FGG256IQ303	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA450-FGG256IQ304	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA450-FGG256IQ305	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA450-FGG256IXN10	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA450-FGG256IXN11	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA450-FGG256IXV52	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA450-FGG256Q300	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA450-FGG256Q301	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA600-FG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA600-FG256A	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA600-FG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA600-FG256IX94	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA600-FG256IX95	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA600-FG256IXK91	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA600-FG256M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA600-FGG256	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305

Affected Part Numbers	Wire type		Epoxy		Mold Compound		Solder Ball	
	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change
APA600-FGG256A	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA600-FGG256I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA600-FGG256IX95	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA600-FGG256IXR03	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA600-FGG256M	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F200M3F-1CS288	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F200M3F-1CS288I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F200M3F-1CSG288	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F200M3F-1CSG288I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F200M3F-CS288	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F200M3F-CS288I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
A2F200M3F-CSG288	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
A2F200M3F-CSG288I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS250-1FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS250-1FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS250-1FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS250-1FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS250-2FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS250-2FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS250-2FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS250-2FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS250-FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS250-FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AFS250-FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AFS250-FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS250-1FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS250-1FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS250-1FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS250-1FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS250-2FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS250-2FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS250-2FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS250-2FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS250-FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS250-FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AFS250-FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AFS250-FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
U1AFS250-FG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
U1AFS250-FG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
U1AFS250-FGG256	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
U1AFS250-FGG256I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL600V2-CS281	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL600V2-CS281I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb

Affected Part Numbers	Wire type		Epoxy		Mold Compound		Solder Ball	
	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change	Pre change	Post Change
AGL600V2-CSG281	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL600V2-CSG281I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL600V5-CS281	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL600V5-CS281I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AGL600V5-CSG281	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AGL600V5-CSG281I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL600V2-CS281	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL600V2-CS281I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL600V2-CSG281	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL600V2-CSG281I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL600V5-CS281	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL600V5-CS281I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
M1AGL600V5-CSG281	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
M1AGL600V5-CSG281I	Au	CuPdAu	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA450-FG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA450-FG144A	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA450-FG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
APA450-FGG144	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA450-FGG144A	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
APA450-FGG144I	CuPd	CuPdAu	CRM1525D	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AX250-1FG256	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AX250-1FG256I	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AX250-1FG256M	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AX250-1FGG256	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AX250-1FGG256I	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AX250-1FGG256M	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AX250-2FG256	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AX250-2FG256I	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AX250-2FGG256	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AX250-2FGG256I	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AX250-FG256	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AX250-FG256I	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AX250-FG256M	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SnPb	SnPb
AX250-FGG256	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AX250-FGG256I	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305
AX250-FGG256M	Au	Au	CRM-1076WB	2100A	KE-G1250LKDS-30	G750E	SAC305	SAC305



**MICROCHIP**

**QUALIFICATION REPORT SUMMARY**

**PCN #: LIAL-23CCBP390**

**Date:  
January 5, 2022**

**Qualification of ASEM as a new assembly site for selected  
Microsemi products available in 144L, 256L, and 324L  
LFBGA, 281L and 288L TFBGA packages using Au wire.**



**Purpose:** Qualification of ASEM as a new assembly site for selected Microsemi products available in 144L, 256L, and 324L LFBGA, 281L and 288L TFBGA packages using Au wire

**Qualification No:** PA-237

**Criteria used for qualification:** JESD47K.

**Devices to qualify by extension:**

- Device with "X part#" in FG(G)256 and FG(G)144 requiring use of Au wire such as:
  - o A3P1000-FG144MX399
  - o A3P250-FGG256X399
  - o A3P250-FGG256GW
  - o A3P125-FGG144GW
  - o AFS1500-FG256IDX402
  - o AFS1500-FG256IX456
- AX250-FG(G)256

**Qualification vehicles:**

Lot Info	Wafer Lot #	Mesa Lot #	D/C
Lot 1	ZA045020	109793011	2128
Lot 2	ZA045020	109793013	2128
Lot 3	ZA045020	109793012	2128

Note: Assembly lots were processed one day apart at each process steps.

Package Information			Package Test Information	
Name & location	Package name	Bonding diagram and Rev	Name & Location	Test program name and Rev
ASE Malaysia	FGG256	1-8a-11963n R1	MSCC, SJ	AUTOA3P1000, REV: B3

**Additional Information:**

**Bill of Material**

- Mold compound: Sumitomo G750E
- Die attach epoxy: Ablebond 2100A
- Bond wire: Au, 0.8 mil diameter
- Solder ball: 96.5%Sn/3%Ag/0.5%Cu (SAC305)
- Substrates:
  - o Core material: GHPL-830NXA, CCL-HL832NXA
  - o solder mask: AUS308
- Reflow temperature used at MSL-3 is 260C for all devices above.

Since lead-free solder ball has higher reflow temperature than Sn63/Pb37 eutectic solder ball, this qualification run effectively covers the qualification of device with eutectic solder balls.

## Accelerated Environment Stress Tests Summary

Test Name Group	Test Criteria	Test Condition	# of Lots	Sample Size perlot	Test Duration Pull Point	Acceptance Criteria	Results	Comments
Preconditioning (MSL -3)	JESD22-A113	30°C, 60%RH, 192 hrs. 260°C reflow Temp	3	314 units/lot	192 hrs.	0 Failure	Passed	Test at room temperatureand 125°C
Biased HAST (B-HAST)	JESD22-A110	110°C, 85%RH, 264 hrs.	3	82 units/lot (246 units total)	264 hrs.	0 Failure	Passed	Test at room temperatureand 125°C
Unbiased HAST (U-HAST)	JESD22-A118	110°C, 85%RH, 264 hrs.	3	82 units/lot (246 units total)	264 hrs.	0 Failure	Passed	Test at room temperature
Temperature Cycle (TC)	JESD22-A104	-65 °C to 150 °C, 500 cycles	3	82/lot (246 units total)	500 cycles	0 Failure	Passed	Test at room temperatureand 125°C
				Lot 1: 77 units Lot 2: 82 units Lot 3: 82 units (241 units total)	1000 cycles	0 failure	Passed	Test at room temperatureand 125°C
High Temp Storage(HTS)	JESD22-A103	150°C, 1000 hrs.	3	48 units/lot (144 total)	1000 hrs.	0 Failure	Passed	Test at room temperatureand 125°C

## Package Assembly Integrity Tests

### Mesa lot# 109793011, ASEM Assembly Lot# 128UC01

Assembly process/TestName	Test method	Criteria	Sample size	Comments
Die shear	MIL-STD-883TM2019	≥5Kg-f	10 dice	Passed
Stitch Pull	Internal control	≥3 g-f	30 wires from 3 units	Passed
Wire Pull	TM2011	≥3 g-f	30 wires from 3 units	Passed
Bond Shear	JESD22-B116	≥8 g-f	30 bonds from 3 units	Passed
Crater test	Internal control	No cratering	2 dice	Passed
Wire sweep	X-Ray	<15% deflection	1 mold shot	Passed
Solder ball shear	JESD22-B117	≥ 500 g-f	25 balls from 3 units	Passed
Package dimension	JESD22-B100	Per Package Drawing	25 units	Passed

### Mesa lot# 109793013, ASEM Assembly Lot# 128UC02

Assembly process/TestName	Test method	Criteria	Sample size	Comments
Die shear	MIL-STD-883TM2019	≥5Kg-f	10 dice	Passed
Stitch Pull	Internal control	≥3 g-f	30 wires from 3 units	Passed
Wire Pull	TM2011	≥3 g-f	30 wires from 3 units	Passed
Bond Shear	JESD22-B116	≥8 g-f	30 bonds from 3 units	Passed
Wire sweep	X-Ray	<15% deflection	1 mold shot	Passed
Solder ball shear	JESD22-B117	≥ 500 g-f	25 balls from 3 units	Passed
Package dimension	JESD22-B100	Per Package Drawing	25 units	Passed

**Mesa lot# 109793012, ASEM Assembly Lot# 128UC03**

Assembly process/TestName	Test method	Criteria	Sample size	Comments
Die shear	MIL-STD-883TM2019	≥5Kg-f	10 dice	Passed
Stitch Pull	Internal control	≥3 g-f	30 wires from 3 units	Passed
Wire Pull	TM2011	≥3 g-f	30 wires from 3 units	Passed
Bond Shear	JESD22-B116	≥8 g-f	30 bonds from 3 units	Passed
Wire sweep	X-Ray	<15% deflection	1 mold shot	Passed
Solder ball shear	JESD22-B117	≥ 500 g-f	25 balls from 3 units	Passed
Package dimension	JESD22-B100	Per Package Drawing	25 units	Passed



**MICROCHIP**

**QUALIFICATION REPORT SUMMARY**

**PCN #: LIAL-23CCBP390**

**Date:  
January 5, 2022**

**Qualification of ASEM as a new assembly site for selected  
Microsemi products available in 144L, 256L, and 324L  
LFBGA, 281L and 288L TFBGA packages using CuPdAu wire.**

**Purpose:** Qualification of ASEM as a new assembly site for selected Microsemi products available in 144L, 256L, and 324L LFBGA, 281L and 288L TFBGA packages using CuPdAu wire.

**Qualification No:** PA-233

**Criteria used for qualification:** JESD47K.

SN	Qualification Vehicle
1	A3PE3000-FG324
2	APA600-FGG256
3	AFS1500-FGG256
4	A2F500M3G-CSG288
5	AGL1000V5-CSG281

**Additional products qualified:** Refer to table A for list of devices that will be qualified by extension/similarity

**Qualification vehicles:**

**1) A3PE3000-FG324**

Lot Info	Wafer Lot #	Mesa Lot #	Date Code
Lot 1	QRTWG	111125008	2125
Lot 2	QRTWG	111125010	2125
Lot 3	QRTWG	111125009	2126

Note: Non-consecutive lots at assembly processing.

**2) APA600-FGG256**

Lot Info	Wafer Lot #	Mesa Lot #	Date Code
Lot 1	RKQT9	109692001	2131

**3) AFS1500-FGG256**

Lot Info	Wafer Lot #	Mesa Lot #	Date Code
Lot 1	ZA045099	109789005	2136

**4) A2F500M3G-CSG288**

Lot Info	Wafer Lot #	Mesa Lot #	Date code
Lot 1	ZA110420	111586008	2141

**5) AGL1000V5-CSG281**

Lot Info	Wafer Lot #	Mesa Lot #	Date code
Lot 1	QRMLQ	109815009	2142

		Package Information			Package Test Information
SN	Product	Name & location	Package name	Bonding diagram and Rev.	Name & Location
1	A3PE3000-FG324	ASE Malaysia	FG324	1-8A-111027 Rev. 1	San JoseCA
2.	APA600-FGG256	ASE Malaysia	FGG256	1-8A-11914u Rev. 1	San JoseCA
3.	AFS1500-FGG256	ASE Malaysia	FGG256	1-8A-11985n Rev. 0	San JoseCA
4.	A2F500M3G-CSG288	ASE Malaysia	CSG288	1-8A-11971n Rev. 1	San JoseCA
5.	AGL1000V5-CSG281	ASE Malaysia	CSG281	1-8A-11983u Rev. 0	San JoseCA

**Additional Information:**

- **Bill of Materials**

- Die Attach: Ablebond 2100A
- Bond wire : AuPdCu: 0.8 mil
- Mold compound: Sumitomo G750E
- Substrates
  - Core material: GHPL-830NXA, CCL-HL832NXA
  - Solder mask: AUS308
- Solder ball materials for each device qualification vehicle
  - A3PE3000-FG324: Sn63/Pb37, 0.5mm diameter
  - APA600-FGG256: SAC305, 0.5mm diameter
  - AFS1500-FGG256: SAC305, 0.5mm diameter
  - A2F500M3G-CSG288: SAC305, 0.3 mm diameter
  - AGL1000V5-CSG281: SAC305, 0.3 mm diameter

- Reflow temperature used at MSL-3 is 260°C for all devices above.
- Since lead-free solder ball has higher reflow temperature than Sn63/Pb37 eutectic solder ball, this qualification runeffectively covers the qualification of packages with eutectic solder balls.
- Biased HAST was not done in this qualification run. However, BHAST was performed on a separate qualification activity with device A2F500M3G-FGG256 as qualification vehicle and with CuPdAu wire and mold compound G750E. Refer to document PA-232 for details.

## Qualification Test Summary

### 1. A3PE3000-FG324

Test Name	Test Criteria	Test Condition	# of Lots	Sample Size per lot	Test Duration Pull Point	Acceptance Criteria	Results
Preconditioning (MSL-3)	JESD22-A113	30°C, 60%RH, 192 hrs.: 260°C reflow Temp	3	110 units/lot	192 hours	Pass Electric altest	Passed
Temperature Cycle (TC)	JESD22-A104	-55°C to 125°C, condition B, 700 cycles	3	30 units/lot (90 units total)	701 cycles 1035 cycles	Pass Electric altest	Passed
HAST (Unbiased HAST)	JESD22-A118	110°C, 85%RH, 264 hours	3	30 units/lot (90 units total)	264 hours	Pass Electric altest	Passed
High Temp Storage (HTS)	JESD22-A103	150°C, 1000 hours	3	30 units/lot (90 units total)	1008 hours	Pass Electric altest	Passed

### 2. APA600-FGG256

Test Name	Test Criteria	Test Condition	# of Lots	Sample Size per lot	Test Duration Pull Point	Acceptance Criteria	Results
Preconditioning (MSL-3)	JESD22-A113	30°C, 60%RH, 192 hrs.: 260°C reflow Temp	1	145 units	192 hours	Pass Electric altest	Passed
Temperature Cycle (TC) <sup>1/</sup>	JESD22-A104	-55 °C to 125 °C, condition B, 700 cycles	1	48 units	710 cycles	Pass Electric altest	Passed
UHAST (Unbiased HAST)	JESD22-A118	110°C, 85%RH, 264 hours	1	48 units	264 hours	Pass Electric altest	Passed
High Temp Storage (HTS)	JESD22-A103	150°C, 1000 hours	1	48 units	1008 hours	Pass Electric altest	Passed

### 3. AFS1500-FGG256

Test Name	Test Criteria	Test Condition	# of Lots	Sample Size per lot	Test Duration Pull Point	Acceptance Criteria	Results
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Preconditioning(MSL-3)	JESD22-A113	30°C, 60%RH, 192 hrs.: 260°C reflow Temp	1	122 units	192 hours	Pass Electric altest	Passed
Temperature Cycle (TC)	JESD22-A104	-55 °C to 125 °C, condition B, 700 cycles	1	50 units	712 cycles	Pass Electric altest	Passed
UHAST (Unbiased HAST)	JESD22-A118	110°C, 85%RH, 264 hours	1	50 units	264 hours	Pass Electric altest	Passed

#### 4. A2F500M3G-CSG288

Test Name	Test Criteria	Test Condition	# of Lots	Sample Size per lot	Test Duration Pull Point	Acceptance Criteria	Results
Preconditioning (MSL-3)	JESD22-A113	30°C, 60%RH, 192 hrs.: 260°C reflow Temp	1	122 units	192 hours	Pass Electric altest	Passed
Temperature Cycle (TC)	JESD22-A104	-55 °C to 125 °C, condition B, 700 cycles	1	50 units	712 cycles	Pass Electric altest	Passed
UHAST (Unbiased HAST)	JESD22-A118	110°C, 85%RH, 264 hours	1	50 units	264 hours	Pass Electric altest	Passed

#### 5. AGL1000V5-CSG281

Test Name	Test Criteria	Test Condition	# of Lots	Sample Size per lot	Test Duration Pull Point	Acceptance Criteria	Results
Preconditioning (MSL-3)	JESD22-A113	30°C, 60%RH, 192 hrs.: 260°C reflow Temp	1	122 units	192 hours	Pass Electric altest	Passed
Temperature Cycle (TC)	JESD22-A104	-55 °C to 125 °C, condition B, 700 cycles	1	50 units	712 cycles	Pass Electric altest	Passed
UHAST (Unbiased HAST)	JESD22-A118	110°C, 85%RH, 264 hours	1	50 units	264 hours	Pass Electric altest	Passed

## In-process Assembly Data

### 1.1 Device A3PE3000-FG324, Mesa lot# 111125008, ASEM Assembly Lot# 125UC01

Assembly process/TestName	Test method	Criteria	Sample size	Comments
Die shear	MIL-STD-883 TM2019	≥5Kg-f	10 dice	Passed
Stitch Pull	Internal control	≥3 g-f	30 wires from 3 units	Passed
Wire Pull	TM2011	≥3 g-f	30 wires from 3 units	Passed
Bond Shear	JESD22-B116	≥8 g-f	30 bonds from 3 units	Passed
Crater test	Internal control	No cratering	2 dice	Passed
Wire sweep	X-Ray	<15% deflection	1 mold shot	Passed
Solder ball shear	JESD22-B117	≥ 500 g-f	25 balls from 3 units	Passed
Package dimension	JESD22-B100	Per Package Drawing	25 units	Passed

### 1.2 Device A3PE3000-FG324, Mesa lot# 111125010, ASEM Assembly Lot# 125UC02

Assembly process/TestName	Test method	Criteria	Sample size	Comments
Die shear	MIL-STD-883 TM2019	≥5Kg-f	10 dice	Passed
Stitch Pull	Internal control	≥3 g-f	30 wires from 3 units	Passed
Wire Pull	TM2011	≥3 g-f	30 wires from 3 units	Passed
Bond Shear	JESD22-B116	≥8 g-f	30 bonds from 3 units	Passed
Wire sweep	X-Ray	<15% deflection	1 mold shot	Passed
Solder ball shear	JESD22-B117	≥ 500 g-f	24 balls from 3 units	Passed
Package dimension	JESD22-B100	Per Package Drawing	25 units	Passed

**1.3 Device A3PE3000-FG324, Mesa lot# 111125009, ASEM Assembly Lot# 126UC01**

Assembly process/TestName	Test method	Criteria	Sample size	Comments
Die shear	MIL-STD-883 TM2019	≥5Kg-f	10 dice	Passed
Stitch Pull	Internal control	≥3 g-f	30 wires from 3 units	Passed
Wire Pull	TM2011	≥3 g-f	30 wires from 3 units	Passed
Bond Shear	JESD22-B116	≥8 g-f	30 bonds from 3 units	Passed
Wire sweep	X-Ray	<15% deflection	1 mold shot	Passed
Solder ball shear	JESD22-B117	≥ 500 g-f	25 balls from 3 units	Passed
Package dimension	JESD22-B100	Per Package Drawing	25 units	Passed

**2. Device APA600-FGG256, Mesa lot# 109692001, ASEM Assembly Lot# 131UC02**

Assembly process/TestName	Test method	Criteria	Sample size	Comments
Die shear	MIL-STD-883 TM2019	≥5Kg-f	10 dice	Passed
Stitch Pull	Internal control	≥3 g-f	30 wires from 3 units	Passed
Wire Pull	TM2011	≥3 g-f	30 wires from 3 units	Passed
Bond Shear	JESD22-B116	≥8 g-f	30 bonds from 3 units	Passed
Crater test	Internal control	No cratering	2 dice	Passed
Wire sweep	X-Ray	<15% deflection	1 mold shot	Passed
Solder ball shear	JESD22-B117	≥ 500 g-f	25 balls from 3 units	Passed
Package dimension	JESD22-B100	Per Package Drawing	25 units	Passed

**3. Device AFS1500-FGG256, Mesa lot# 109789005, ASEM Assembly Lot# 136UC04**

Assembly process/TestName	Test method	Criteria	Sample size	Comments
Die shear	MIL-STD-883 TM2019	≥5Kg-f	10 dice	Passed
Stitch Pull	Internal control	≥3 g-f	30 wires from 3 units	Passed
Wire Pull	TM2011	≥3 g-f	30 wires	Passed

			from 3 units	
Bond Shear	JESD22-B116	≥8 g-f	30 bonds from 3 units	Passed
Crater test	Internal control	No cratering	2 dice	Passed
Wire sweep	X-Ray	<15% deflection	1 mold shot	Passed
Solder ball shear	JESD22-B117	≥ 500 g-f	25 balls from 3 units	Passed
Package dimension	JESD22-B100	Per Package Drawing	25 units	Passed

#### 4. Device A2F500M3G-CSG288, Mesa lot# 111586008, ASEM Assembly Lot# 141UC02

Assembly process/TestName	Test method	Criteria	Sample size	Comments
Die shear	MIL-STD-883 TM2019	≥5Kg-f	10 dice	Passed
Stitch Pull	Internal control	≥3 g-f	30 wires from 3 units	Passed
Wire Pull	TM2011	≥3 g-f	30 wires from 3 units	Passed
Bond Shear	JESD22-B116	≥8 g-f	30 bonds from 3 units	Passed
Crater test	Internal control	No cratering	2 dice	Passed
Wire sweep	X-Ray	<15% deflection	1 mold shot	Passed
Solder ball shear	JESD22-B117	≥ 200 g-f	24 balls from 3 units	Passed
Package dimension	JESD22-B100	Per Package Drawing	25 units	Passed

#### 5. AGL1000V5-CSG281 , Mesa lot# 109815009, ASEM Assembly Lot# 142UC01

Assembly process/TestName	Test method	Criteria	Sample size	Comments
Die shear	MIL-STD-883 TM2019	≥5Kg-f	10 dice	Passed
Stitch Pull	Internal control	≥3 g-f	30 wires from 3 units	Passed
Wire Pull	TM2011	≥3 g-f	30 wires from 3 units	Passed
Bond Shear	JESD22-B116	≥8 g-f	0 bonds from 3 units	Passed
Crater test	Internal control	No cratering	2 dice	Passed
Wire sweep	X-Ray	<15% deflection	1 mold shot	Passed
Solder ball shear	JESD22-B117	≥ 200 g-f	25 balls from 3 units	Passed
Package dimension	JESD22-B100	Per Package Drawing	25 units	Passed

**Table A: List of Devices covered by this qualification run**

1. A3PE3000-FG324

Device	Pb-Free Package	With SnPb Solder ball
A3PE3000 – Qual vehicle*	FGG324	FG324
A3P1000	FGG256	FG256
A3P250	FGG256	FG256
A3P1000	FGG144	FG144
A3P600	FGG144	FG144
A3P400	FGG144	FG144
A3P250	FGG144	FG144
A3P125	FGG144	FG144
A3P060	FGG144	FG144
AGL1000	FGG256	FG256
AGL600	FGG256	FG256
AGL400	FGG256	FG256
A3P600	FGG256	FG256
A3P400	FGG256	FG256
A3PE600	FGG256	FG256
AGLE600	FGG256	FG256
AGL1000	FGG144	FG144
AGL600	FGG144	FG144
AGL400	FGG144	FG144
AGL250	FGG144	FG144
AGL125	FGG144	FG144

**Note 1:** \* Qual vehicle. The other devices are qualified by extension

2. APA600-FGG256

Device	Pb-Free Package	With SnPb Solder ball
APA600 – Qual vehicle*	FGG256	FG256
APA450	FGG256	FG256
APA300	FGG256	FG256
APA150	FGG256	FG256
APA450	FGG144	FG144
APA300	FGG144	FG144
APA150	FGG144	FG144
APA075	FGG144	FG144

3. AFS1500-FGG256

Device	Pb-Free Package	With SnPb Solder ball
AFS1500 – Qual vehicle*	FGG256	FG256
AFS600	FGG256	FG256

AFS250	FGG256	FG256
A3P1000	FGG256	FG256
A3P250	FGG256	FG256
A3P250	FGG144	FG144
A3P125	FGG144	FG144
A3P060	FGG144	FG144

4. AGL1000-CSG281

Device	Pb-Free Package	With SnPb Solder balls
AGL1000 – Qual vehicle*	CSG281	CS281
AGL600	CSG281	CS281
AGLP125	CSG281	CS281

**Note 1:** \* Qual vehicle. The other devices are qualified by extension.

5. A2F500M3G-CSG288

Device	Pb-Free Package	With SnPb Solder balls
A2F500M3G – Qual vehicle*	CSG288	CS288
A2F200M3F	CSG288	CS288

**Note:** \* Qual vehicle. The other devices are qualified by extension