

## PRODUCT CHANGE NOTICE PCN Form (D4-E000-73)

**PCN#19-080**

**NOTIFICATION DATE: August 22, 2019**

### **MODEL(S) AFFECTED:**

**PIN package units** (*see attached for specific list of models*)

### **EXTENT OF CHANGE:**

Replacement of existing SnAg (tin-silver) plating with industry standard 100% Matte-Tin with Hot Oil reflow

### **EFFECT OF CHANGE:**

- No change to **FIT** (dimensions) or **FUNCTION** (electrical or process performance).
- Change to **FORM** in the surface plating used to interface with customer assembly.

### **REASON FOR CHANGE:**

- Existing plating supplier shut-down, SnAg unique to this supplier. Matte tin is a well-established RoHS compliant finish in the industry.
- Use of post-plating Hot Oil Reflow for tin whisker mitigation

### **EFFECTIVE DATE OF CHANGE:**

- Immediate based on exhaustion of stock

### **Customer specials may be affected:**

Customer specials will be reviewed at the first request for quote that occurs after publication of this PCN. If the customer special is affected by this change, the Account Manager will advise at that time. Our review will note if this change impacts the requirements that makes the model a special and, if applicable, we will ensure that all models on a tabulated customer drawing are advised at the same time.

### **ATTACHMENTS:**

List of affected models

**QUESTIONS?**

**[PLEASE CONTACT US.](#)**

## PRODUCT CHANGE NOTICE

### PCN Form (D4-E000-73)

Attachment to: **PCN19-080****\*\* List of Affected Models \*\***

AT-1	AT-8	K-PLP+	MAT-1	MAT-20-3
AT-10	AT-8-2	K-POS-1+	MAT-1+	MAT-20-8
AT-10-4	AT-9	K-POS-2+	MAT-10	MAT-2-10
AT-10-75	CAT-12	LMX-113	MAT-10+	MAT-2-4
AT-1-1	CAT-25	LMX-123	MAT-10-7	MAT-25
AT-12	CAT-40	LMX-123MH	MAT-10-9	MAT-2-5
AT-1-3	CAT-7	LMX-125MH	MAT-10-HI-REL	MAT-25+
AT-15	CAT-8	LMX-125MH/MIL	MAT-12	MAT-2-8
AT-15-75	GAS-1+	LMX-148	MAT-12+	MAT-2-HI-REL
AT-2	GAS-2+	LMX-148/MIL	MAT-12-4	MAT-3
AT-20	GAS-3	LMX-1481	MAT-12-5	MAT-3+
AT-20-75	GRA-1	LMX-149	MAT-12-HI-REL	MAT-30+
AT-25	GRA-1H	LMX-156	MAT-15	MAT-30-4
AT-3	GRA-3	LMX-3	MAT-15+	MAT-30-HI-REL
AT-3+	GRA-3H	LPS-109	MAT-15-5	MAT-3-10
AT-30	GRA-6	LPS-109/MIL	MAT-15-9	MAT-3-11
AT-3-5	GRA-6H	LPS-109+	MAT-15-HI-REL	MAT-3-12
AT-3-75	GRA-8	LPS-109-14	MAT-1-6	MAT-3-15
AT-4	HPF-511	LPS-109-HI-REL	MAT-1-8	MAT-3-16
AT-40	HPF-511+	LPSQ-90	MAT-1-HI-REL	MAT-3-17
AT-5	K1-MAN	MAN-1	MAT-2	MAT-3-18
AT-5-2	KAT-1	MAN-1AD	MAT-2+	MAT-3-3
AT-6	KAT-2	MAN-1HLN+	MAT-20	MAT-3-4
AT-6-75	K-PD	MAN-1LN	MAT-20+	MAT-3-5
AT-7	K-PHP	MAN-2	MAT-20-2	MAT-3-6

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Attachment to: **PCN19-080**

### \*\* List of Affected Models \*\*

MAT-3-HI-REL	MAT-6-13	MIQA-21M+	MSC-2-5+	PDC-10-1-75
MAT-4	MAT-6-2	MIQA-70D	P4DC-30A-2+	PDC-10-1BD+
MAT-4+	MAT-6-3	MIQA-70D+	PAS-1+	PDC-10-2
MAT-40	MAT-6-4	MIQC-176M	PAS-2+	PDC-10-2+
MAT-40+	MAT-6-5	MIQC-176M+	PAS-2000+	PDC-10-21+
MAT-40-6	MAT-6-6	MIQC-38D	PAS-3+	PDC-10-21-HIREL
MAT-40-HI-REL	MAT-6-HI-REL	MIQC-38M	PBLP-117	PDC-10-22
MAT-4-2	MAT-7	MIQC-60WD+	PBLP-117+	PDC-10-5+
MAT-4-5	MAT-7+	MIQC-88M+	PBLP-200	PDC-10-54+
MAT-4-7	MAT-7-3	MIQY-1.25D	PBLP-200+	PDC-10-5-HI-REL
MAT-4-HI-REL	MAT-7-4	MIQY-140D	PBLP-39	PDC-10-6
MAT-5	MAT-7-5	MIQY-140M	PBLP-39+	PDC-10-6+
MAT-5+	MAT-7-6	MIQY-140M+	PBLP-467	PDC-10-6-75
MAT-5-1	MAT-7-HI-REL	MIQY-70D	PBLP-467+	PDC-15-21+
MAT-5-10	MAT-8	MIQY-70D+	PBP-10.7+	PDC-15-6+
MAT-5-12	MAT-8+	MIQY-70M+	PBP-21.4+	PDC-15-6-75
MAT-5-4	MAT-8-2	ML-1	PBP-30+	PDC-15-6-75+
MAT-5-6	MAT-8-6	ML-1+	PBP-35N+	PDC-15-6-HI-REL
MAT-5-8	MAT-8-HI-REL	MPD-1+	PBP-35W	PDC-20-1+
MAT-5-9	MAT-9	MPD-2+	PBP-35W+	PDC-20-1BD
MAT-5-HI-REL	MAT-9+	MPD-21+	PBP-60+	PDC-20-1BD+
MAT-6	MAT-9-HI-REL	MPD-2-HI-REL	PBP-60-HIREL	PDC-20-1W+
MAT-6+	MIQA-10D	MSC-2-1+	PBP-70+	PDC-20-3+
MAT-6-10	MIQA-10M	MSC-2-11+	PDC-10-1/MIL	PDC-20-3-75
MAT-6-12	MIQA-21D+	MSC-2-1W+	PDC-10-1+	PDC-20-3BD+

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PDC-20-3-HI-REL	PIF-30+	PLP-21.4-75	PLP-800-HI-REL	POS-500W+
PDC20-400HP+	PIF-40+	PLP-21.4-75+	PLP-850+	POS-50P+
PDC20-970HP	PIF-50+	PLP-21.4-HI-REL	PLP-850-75	POS-535+
PDC-20A-5+	PIF-50-HI-REL	PLP-250+	PLP-90+	POS-75+
PHP-100+	PIF-60+	PLP-250-HI-REL	PLP-90-HI-REL	POS-75P+
PHP-1000+	PIF-60-HI-REL	PLP-30+	PLS-1+	POS-765+
PHP-1000-HI-REL	PIF-70+	PLP-300+	PLS-1-HI-REL	POS-800W+
PHP-100-HI-REL	PLP-1.9+	PLP-300-HI-REL	PLS-2+	POS-900W+
PHP-150+	PLP-10.7+	PLP-30-75+	PLS-6	PQW-2-270+
PHP-175+	PLP-10.7-75+	PLP-30-HI-REL	PMT-1+	PQW-2-90+
PHP-200+	PLP-10.7-HI-REL	PLP-450+	POS-100+	PRSC-2050
PHP-25+	PLP-100+	PLP-450-HI-REL	POS-1000W+	PSC-10-1+
PHP-250	PLP-1000+	PLP-5+	POS-100P+	PSC-12-1+
PHP-250+	PLP-100-75	PLP-50+	POS-1025+	PSC-2-1+
PHP-250-HI-REL	PLP-100-HI-REL	PLP-550+	POS-1060+	PSC-2-1000+
PHP-300+	PLP-1200+	PLP-550-HI-REL	POS-1400A+	PSC-2-11+
PHP-400+	PLP-1200-HI-REL	PLP-600	POS-150+	PSC-2-1-110
PHP-400-HI-REL	PLP-15+	PLP-600+	POS-150P+	PSC-2-11-HI-REL
PHP-50+	PLP-150+	PLP-600-75+	POS-200+	PSC-2-1-75+
PHP-500+	PLP-150-HI-REL	PLP-70+	POS-2000A+	PSC-2-1-75A
PHP-600	PLP-15-75+	PLP-70-75+	POS-2120W+	PSC-2-1-75A+
PHP-600+	PLP-2.5+	PLP-750+	POS-25+	PSC-2-1-HI-REL
PHP-700+	PLP-200+	PLP-750-HI-REL	POS-300+	PSC-2-1W+
PHP-900+	PLP-200-HI-REL	PLP-7-75+	POS-400+	PSC-2-2/MIL
PIF-21.4+	PLP-21.4+	PLP-800+	POS-50+	PSC-2-2+

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**Attachment to: PCN19-080**

<b>** List of Affected Models **</b>				
PSC-2-2-75+	PSC-4-1-75+	PSCJ-2-2	PSCQ-2-5	RPD-2-HIREL
PSC-2-2-75HIREL	PSC-4-1-75HIREL	PSCQ-2-0.455+	PSCQ-2-50+	SAM-1+
PSC-2-2-HI-REL	PSC-4-1-HI-REL	PSCQ-2-10.5	PSCQ-2-51W+	SAM-1H
PSC-2375	PSC-4-1W+	PSCQ-2-10.5+	PSCQ-2-6.4	SAM-1H/MIL
PSC-2375/MIL	PSC-4-1W-75	PSCQ-2-120+	PSCQ-2-6.4+	SAM-2
PSC-2-4+	PSC-4-1W-75+	PSCQ-2-13+	PSCQ-2-60	SAM-2+
PSC-2-4-HI-REL	PSC-4-1W-HI-REL	PSCQ-2-14+	PSCQ-2-7.5/MIL	SAM-3
PSC-2-5+	PSC-4-3+	PSCQ-2-160	PSCQ-2-70+	SAM-4
PSC-2-5-HI-REL	PSC-4-5+	PSCQ-2-160+	PSCQ-2-70HI-REL	SAM-4/MIL
PSC-3-1/MIL	PSC-4-5-HI-REL	PSCQ-2-180+	PSCQ-2-70N+	SAM-5
PSC-3-1+	PSC-4-6+	PSCQ-2-21.4/MIL	PSCQ-2-8+	SAY-1+
PSC-3-13+	PSC-4A-4+	PSCQ-2-21.4+	PSCQ-2-90+	SAY-11+
PSC-3-13-39+	PSC-4A-4-HI-REL	PSCQ-2-250	PSW-1211	SAY-11-HI-REL
PSC-3-1-75/MIL	PSC-8-1+	PSCQ-2-250+	QMC-100	SAY-2
PSC-3-1-75+	PSC-8-1-75/MIL	PSCQ-2-26	QMC-170	SAY-2+
PSC-3-1A	PSC-8-1-75+	PSCQ-2-26+	RAY-1+	SBL-1+
PSC-3-1A+	PSC-8-1-HI-REL	PSCQ-2-32+	RAY-11+	SBL-11+
PSC-3-1-HI-REL	PSC-8-1W+	PSCQ-2-4+	RAY-2	SBL-1-1+
PSC-3-1W	PSC-8-1W-75+	PSCQ-2-40	RAY-2+	SBL-11LH
PSC-3-1W+	PSC-8A-4+	PSCQ-2-40+	RAY-3+	SBL-1-1LH
PSC-3-1W-75+	PSC-8A4-75+	PSCQ-2-400	RAY-6	SBL-173H+
PSC-3-1W-HI-REL	PSC-9-1+	PSCQ-2-400/MIL	ROSE-2	SBL-173SH
PSC-3-2+	PSCJ-2-1+	PSCQ-2-400+	RPD-1+	SBL-173SH+
PSC-4-1/MIL	PSCJ-2-1-HI-REL	PSCQ-2-400HIREL	RPD-1-HI-REL	SBL-1H
PSC-4-1+	PSCJ-2-1W	PSCQ-2-450+	RPD-2+	SBL-1H+

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**Attachment to: PCN19-080**

<b>** List of Affected Models **</b>				
SBL-1LH	SRA-12+	SRA-3500+	TDC-10-1+	TFM-1H+
SBL-1LH+	SRA-173H+	SRA-3H+	TDC-10-1-HI-REL	TFM-1MH+
SBL-1MH+	SRA-173SH	SRA-3-HI-REL	TDC-10-2+	TFM-1W+
SBL-1S	SRA-173SH+	SRA-3MH+	TDC-10-2-HI-REL	TFM-2+
SBL-1X+	SRA-17WH	SRA-4	TDC-20-1	TFM-2400+
SBL-1XH	SRA-1H+	SRA-5+	TDC-6-1	TFM-27
SBL-1XLH+	SRA-1H-HI-REL	SRA-6+	TDC-6-1+	TFM-2H+
SBL-1Z+	SRA-1-HI-REL	SRA-6H+	TDC-6-1-HI-REL	TFM-2-HI-REL
SBL-1ZMH+	SRA-1MH+	SRA-8+	TFAS-1+	TFM-3+
SBL-2500H	SRA-1W+	TAK-1H+	TFAS-1SM+	TFM-3H+
SBL-2LH+	SRA-1WH+	TAK-1WH+	TFAS-2	TFM-3H-HI-REL
SBL-3+	SRA-1WH-HI-REL	TAK-3H+	TFAS-2+	TFM-3-HI-REL
SBL-3LH+	SRA-1W-HI-REL	TAK-5+	TFAS-2SM+	TFM-3MH+
SC-90	SRA-2+	TAK-5R	TFAS-860	TFM-4+
SIMA-5	SRA-2000+	TAK-5R-HI-REL	TFAS-860SM	TFM-42MH+
SIMA-5H	SRA-2000-HI-REL	TAK-5W	TFM-10514	TFM-42MH-HI-REL
SIMA-5MH	SRA-2010MH	TAK-6+	TFM-10514+	TFM-4300+
SPH-16+	SRA-215+	TAK-7	TFM-11+	TFM-4300-HI-REL
SRA-1+	SRA-220+	TAT-1	TFM-11-HI-REL	TFM-4H
SRA-1000FS	SRA-2400+	TAT-12	TFM-12/MIL	TFM-4H+
SRA-11+	SRA-2500SH	TAT-40	TFM-12+	TFM-5
SRA-1-1+	SRA-2CM+	TAT-6	TFM-12MH+	TFM-5+
SRA-11H+	SRA-2CR	TAT-7	TFM-15+	TLS-1
SRA-11H-HI-REL	SRA-2H+	TAT-8	TFM-150+	TMO-1-02+
SRA-11-HI-REL	SRA-3+	TAT-9	TFM-15-HI-REL	TMO-1-02-HI-REL

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**Attachment to: PCN19-080**

<b>** List of Affected Models **</b>				
TMO-1-1+	TMO-9-1+	TUF-11AMH+	TUF-3+	TUF-860HSM+
TMO-1-1-HIREL	TMO-9-1-HI-REL	TUF-11AMHSM+	TUF-3H	TUF-860LH+
TMO-1-1T+	TOF-1	TUF-11ASM+	TUF-3H+	TUF-860LHSM+
TMO-1-1T-HI-REL	TSC-2-1+	TUF-18DHSM+	TUF-3HSM+	TUF-860MH+
TMO-13-1T+	TSC-2-1-56	TUF-1H+	TUF-3LH+	TUF-860MHSM
TMO-14-1+	TSC-2-1-HI-REL	TUF-1HSM+	TUF-3LHSM	TUF-860MHSM+
TMO-16-1+	TSC-2-1W	TUF-1LH+	TUF-3LHSM+	TUF-860SM+
TMO-2.5-6/MIL	TSM-1	TUF-1LHSM+	TUF-3MH	TUF-R1MHSM+
TMO-2.5-6+	TSM-3+	TUF-1MH+	TUF-3MH+	TUF-R1SM+
TMO-2.5-6T+	TSM-3-HI-REL	TUF-1MHSM	TUF-3MHSM+	TUF-R3LHSM+
TMO-2.5-6THIREL	TSM-5	TUF-1MHSM+	TUF-3S	TUF-R3SM+
TMO-2-1+	TTMO-1-1+	TUF-1S	TUF-3SM+	TUF-R5SM+
TMO-2-1T+	TTMO-1-1-HIREL	TUF-1SM+	TUF-5+	UNCL-L1+
TMO-2-1T-HI-REL	TTMO-25-1+	TUF-2+	TUF-5H+	UNCL-L1H
TMO-3-1T+	TTMO-4-1A+	TUF-2500MH+	TUF-5HSM	UNCL-R1+
TMO-4-1+	TTMO-4-1A-HIREL	TUF-2500MHSM+	TUF-5HSM+	UNCL-X1
TMO-4-1-HI-REL	TUF-1+	TUF-2H+	TUF-5LH+	VAY-1+
TMO-4-2+	TUF-11A+	TUF-2HSM+	TUF-5LHSM+	ZAS-1B-T
TMO-4-6+	TUF-11AH+	TUF-2LH+	TUF-5MH+	ZAS-1-T
TMO-4-6-HI-REL	TUF-11AHSM+	TUF-2LHSM	TUF-5MHSM+	ZFAS-15B-S
TMO-5-1T+	TUF-11ALH	TUF-2LHSM+	TUF-5SM+	ZFAS-15-S
TMO-6-1+	TUF-11ALH+	TUF-2MH+	TUF-5X+	ZFDC-20-1H-T
TMO-6-1-HIREL	TUF-11ALHSM	TUF-2MHSM+	TUF-5XSM+	ZFM-2B-T
TMO-8-1	TUF-11ALHSM+	TUF-2S	TUF-860+	ZFM-2-T
TMO-8-1+	TUF-11AMH	TUF-2SM+	TUF-860H+	ZLW-12+

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**Attachment to: PCN19-080**

#### **\*\* List of Affected Models \*\***

ZLW-12B+

ZLW-12BR+

ZP-2LH+

ZP-2LH-S

ZP-2LH-S+

ZRPD-1B-T

ZRPD-1-T