



Date: July 2, 2015
 PPCN 150001 addendum

PROCESS/ PRODUCT CHANGE NOTIFICATION

This PPCN is an addendum to PPCN# 150001, which was dated on January 30, 2015.

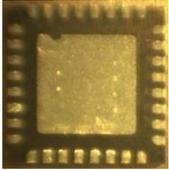
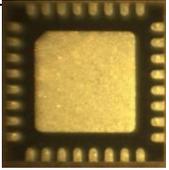
The purpose of this PPCN addendum is to let our customers know that we have also qualified TICP in Taiwan as another manufacturer to assemble our KSZ8081/KSZ8091 silver wire bonded products in addition to the OSE previously stated in PPCN 150001. We attach a representative reliability report for qualifying Micrel KSZ8081/KSZ8091 products assembled with Silver process at TICP. This means our customers who buy KSZ8081/KSZ8091 silver wire bonded products may receive products that are either assembled at OSE, Taiwan or at TICP, Taiwan.

In addition, we created a comparison table to summarize the differences in the products with previous Au wire and the new Silver wire bonding in PPCN 150001.

If you have any questions concerning this change, please contact:

NAME: Shaf Rahman
 EMAIL: shafiqur.rahman@micrel.com
 PHONE: (408) 955-1612

PPCN150001		KSZ8081/KSZ8091RNxxA/MNXxA	KSZ8041NL/NLI/RNL/RNLI
BOM	Before	Leadframe : C194-Cu, NiPdAu pre-plated Wire : Au 0.8 mil Molding compound : Hitachi CEL9220 (TICP)	Leadframe : C194-Cu, NiPdAu pre-plated Wire : Au 0.8 mil Molding compound : Hitachi CEL9220 (TICP)
	After PPCN	Leadframe : C194-Cu Wire : Ag 0.8 mil Molding compound: Sumitomo G631 (TICP) Molding compound: Sumitomo G700L (OSE)	Leadframe : C194-Cu Wire : Ag 0.8 mil Molding compound: Sumitomo G631 (TICP)
Lead finish	Before	NiPdAu	NiPdAu
	After PPCN	Matte-Sn	Matte-Sn
Assembly site	Before	TICP	TICP
	After PPCN	OSE (PPCN#150001) TICP (PPCN#150001 addendum)	TICP (PPCN#150001)
Die version	Before	A2 for RMII	No change
	After PPCN	A3 for RMII, No change for MII	
Switch over date		Sep 1st 2015	Nov 2nd 2015

Package Outline Drawing	Before	QFN4x4-24L or QFN5x5-32L No change within the assembly site		QFN5x5-32L
	After PPCN	OSE and TIPC have different pin1 layout on exposed pad		No change
	Pin1 layout Exposed Pad	TIPC 	OSE 	TIPC 