



FINAL PRODUCT/PROCESS CHANGE NOTIFICATION

Issue Date

December 18, 2009

SUBJECT: ON Semiconductor Final Product/Process Change Notification #16385

TITLE: PulseCore Semiconductor to ON Semiconductor Component Marking Standardization.

PROPOSED FIRST ORDER DATE: April 5, 2010

AFFECTED CHANGE CATEGORY(S): Part Marking

AFFECTED PRODUCT DIVISION(S): PulseCore (DMSG)

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact your local ON Semiconductor Sales Office

SAMPLES: Not applicable

ADDITIONAL RELIABILITY DATA: Not applicable

NOTIFICATION TYPE:

Final Product/Process Change Notification (FPCN)

Final change notification sent to customers. FPCNs are issued at least 90 days prior to implementation of the change.

ON Semiconductor will consider this change approved unless specific conditions of acceptance are provided in writing within 30 days of receipt of this notice. To do so, contact your local ON Semiconductor Sales Office.

DESCRIPTION AND PURPOSE:

ON Semiconductor recently announced the acquisition of Pulsecore Semiconductor. We are now in the process of integrating Pulsecore Semiconductor to ON Semiconductor business practices. In conjunction with the integration, the Component Marking will be changed to align with ON Semiconductor's Standard Marking Specifications.

The information provided below (Appendix A) shows the ON Semiconductor Marking Standard for the respective packages. The Component Marking for the former Pulsecore Semiconductor products will follow these Marking Standards. See Affected Device list.

This PCN is for Component Part Marking only.

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Packaging and Labelling will be changing to the ON Semiconductor standard guidelines – to review the document outlining these guidelines please visit:

http://www.onsemi.com/pub_link/Collateral/LABELRM-D.PDF

Please note: The Pulsecore integration project target date for implementation is April 5, 2010. We will contact you if any changes occur in the timeline that impact the effective date of this notification.

RELIABILITY DATA SUMMARY: N/A

ELECTRICAL CHARACTERISTIC SUMMARY: N/A

CHANGED PART IDENTIFICATION: The new component marking will take affect April 5, 2010. As the transition to the new marking takes place you may receive parts marked either with the previous Pulsecore or new ON Semiconductor marking.



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Appendix A

	ON SEMICONDUCTOR MARKING					PULSE CORE MARKING	
	Marking Line	Info	# of Characters	ON Semi Logo	Marking Image Front Side Only	Marking Image	Front (and Back if indicated)
SOIC8	1	Device Code	8	No	XXXXXXXX ALYWX	XXXXXXXX LLLLLL	
	2	ALYW	5			YYWW	
SOIC16	1	Device Code	10	Yes	ON XXXXXXXX AWLYWWG	XXXXXXXX-XX LLLL	
	2	AWLYWW	7			YYWW	
TSSOP8	1	Device Code	3	No	XXX LYW A	FRONT SIDE X XXXXXX	BACK SIDE LLLLL YYWW CA
	2	LYW	3				
	3	A	3				
TSSOP16	1	Device Code	4	Yes	ON XXXX XXXX ALYW	FRONT SIDE XX XXXXXX	BACK SIDE LLLLL YYWW
	2	Device Code	4				
	3	ALYW	6				
SSOP28	1	Device Code	10	Yes	ON XXXXXXXX XXXXXXXXXX XXXXXXXXXX AWLYWWG	XXXXXXXXXX LLLLLLLLLL	
	2	Device Code	10			YYWW	
	3	Device Code	10				
	4	AWLYWWG	8				
TSOP6 / SC-74 / TSOT-23 6L / TSOT-26	1	Device Code / M	4	No	XXXM	FRONT SIDE XXLL	BACK SIDE YYWW
TDFN8 2x2mm	1	Device Code / M	3	No	XXM	XXX LLYW	
DFN10 3x3mm	1	Device Code	5	No	XXXXX XXXXX ALYW	XXXXXXXX LLLLL YW	
	2	Device Code	5				
	3	ALYW	4				
SOT-23	1	Device Code / M	4	No	XXXM	FRONT SIDE XXLL	BACK SIDE YYWW
SOT-143	1	Device Code / M	4	No	XXXM	FRONT SIDE XXLL	BACK SIDE YYWW
PDIP 8	1	Device Code	9	Yes	ON XXXXXXXX AWL YYWWG	FRONT SIDE XXX XXXXXXXX LLLLLL	BACK SIDE YYWW
	2	AWL	3				
	3	YYWWG	5				

A = Manufacturing Location Code
 L, WL = Wafer Lot Number Info
 Y, YY = Year
 W, WW = Work Week
 X = Device Codes

Micro dot or G = Pb Free Indicator


AFFECTED DEVICE LIST

PulseCore OLD Part Number	ON Semiconductor NEW part number
ASM2I2304NZF-08-TR	P2I2304NZF-08-TR
ASM2I2304NZF-08-TT	P2I2304NZF-08TT
ASM2P2304NZF-08-SR	P2P2304NZF-08SR
ASM2P2304NZF-08-ST	P2P2304NZF-08ST
ASM2P2304NZF-08-TR	P2P2304NZF-08TR
ASM3I623S00BG-08-TR	P3I623S00BG-08TR
ASM3P18S19BF-08SR	P3P18S19BF-08SR
ASM3P18S19BF-08ST	P3P18S19BF-08ST
ASM3P2108AF-08SR	ASM3P2108AF-08SR
ASM3P2274AF-06-OR	ASM3P2274AF-06OR
ASM3P2590AF-06-OR	P3P2590AF-06OR
ASM3P2598AF-06-OR	ASM3P2598AF-06OR
ASM3P2854CG-16-TR	ASM3P2854CG-16TR
ASM3P622S01JG-08-TR	P3P622S01JG-08TR
ASM3P623S00BG-08-SR	P3P623S00BG-08SR
ASM3P623S00BG-08-TR	P3P623S00BG-08TR
ASM3P623S00EG-16-TR	P3P623S00EG-16TR
ASM3P623S05BG-08-TR	P3P623S05BG-08TR
ASM5I2304AF-1H-08-SR	P5I2304AF-1H08SR
ASM5I2304AF-2-08-ST	P5I2304AF-2-08ST
ASM5I2305AF-1-08-ST	P5I2305AF-108ST
ASM5I2305AF-1H-08-SR	P5I2305AF-1H08SR
ASM5I2305AF-1H-08-ST	P5I2305AF-1H08ST
ASM5I2305AF-1H-08-TR	P5I2305AF-1H08TR
ASM5I2308AF-2-16-TT	P5I2308AF-216TT
ASM5I2309AF-1-16-SR	P5I2309AF-116SR
ASM5I2309AF-1-16-ST	P5I2309AF-1-16ST
ASM5P2304AF-1-08-SR	P5P2304AF-1-08SR
ASM5P2304AF-1H-08-SR	P5P2304AF-1H08SR
ASM5P2304AF-2-08-SR	P5P2304AF-2-08SR
ASM5P2304AF-2-08-ST	P5P2304AF-2-08ST
ASM5P2305AF-1-08-SR	P5P2305AF-1-08SR
ASM5P2305AF-1-08-ST	P5P2305AF-1-08ST
ASM5P2305AF-1H-08-SR	P5P2305AF-1H08SR
ASM5P2305AF-1H-08-TR	P5P2305AF-1H08TR
ASM5P2308AF-1H-16-SR	P5P2308AF-1H16SR
ASM5P2308AF-1H-16-ST	P5P2308AF-1H16ST
ASM5P2308AF-1H-16-TR	P5P2308AF-1H16TR



PulseCore OLD Part Number	ON Semiconductor NEW part number
ASM5P2308AF-2-16-SR	P5P2308AF-216SR
ASM5P2308AF-2-16-ST	P5P2308AF-2-16ST
ASM5P2308AF-2-16-TR	P5P2308AF-216TR
ASM5P2308AF-3-16-TR	P5P2308AF-3-16TR
ASM5P2309AF-1-16-SR	P5P2309AF-116SR
ASM5P2309AF-1-16-ST	P5P2309AF-1-16ST
ASM5P2309AF-1-16-TR	P5P2309AF-1-16TR
ASM5P2309AF-1-16-TT	P5P2309AF-1-16TT
ASM5P2309AF-1H-16-SR	P5P2309AF-1H16SR
ASM5P2309AF-1H-16-ST	P5P2309AF-1H16ST
ASM5P2309AF-1H-16-TR	P5P2309AF-1H16TR
ASM5P23S05AF-1H-08-SR	P5P23S05AF1H08SR
ASM5P23S05AF-1H-08-ST	P5P23S05AF1H08ST
PCS2I2305NZG-08-ST	P2I2305NZG-08ST
PCS2I2309NZG-16-SR	PCS2I2309NZG16SR
PCS2I2309NZG-16-ST	P2I2309NZG-16-ST
PCS2I2310ANZG-28-AR	P2I2310ANZG-28AR
PCS3I6100AG-06-JR	PCS3I6100AG-06JR
PCS3I6200AG-06-JR	PCS3I6200AG-06JR
PCS3I7100AG-06-JR	PCS3I7100AG-06JR
PCS3P23F01EG-08-TR	PCS3P23F01EG08TR
PCS3P23J01DG-08-TR	PCS3P23J01DG08TR
PCS3P23Z01DG-08-TR	P3P23Z01DG-08TR
PCS3P2537AG-08-CR	PCS3P2537AG-08CR
PCS3P25811AG-08-SR	PCS3P25811AG08SR
PCS3P7300AG-08-SR	PCS3P7300AG-08SR
PCS3P7300AG-08-ST	PCS3P7300AG-08ST
PCS3P7300AG-08-TR	PCS3P7300AG-08TR
PCS3P7300AG-08-TT	PCS3P7300AG-08TT
PCS3P7303AG-08-CR	PCS3P7303AG-08CR
PCS3P7303AG-08-TR	PCS3P7303AG-08TR
PCS3P7303AG-08-TT	PCS3P7303AG-08TT
PCS3P73F01FG-08-CR	P3P73F01FG-08CR
PCS3P73F01FG-08-TR	P3P73F01FG-08TR
PCS3P73F01FG-08-TT	P3P73F01FG-08-TT
PCS3P73U00AG-08-CR	P3P73U00AG-08CR
PCS3P73U00AG-08-SR	P3P73U00AG-08SR
PCS3P73U00AG-08-ST	P3P73U00AG-08-ST
PCS3P73U00AG-08-TR	PCS3P73U00AG08TR
PCS3P73U00AG-08-TT	P3P73U00AG-08-TT
PCS3P73Z01BWG-08-CR	P3P73Z01BWG-08CR



PulseCore OLD Part Number	ON Semiconductor NEW part number
PCS3P73Z01BWG-08-TR	P3P73Z01BWG-08TR
PCS3P73Z01BWG-08-TT	P3P73Z01BWG-08TT
PCS3P73Z11BWG-08-CR	P3P73Z11BWG-08CR
PCS3P73Z11BWHG-08-CR	P3P73Z11BWHG08CR
PCS3P73Z11BXG-08-CR	P3P73Z11BXG-08CR
PCS3P8103AG-06-JR	PCS3P8103AG-06JR
PCS3P8504AG-08-CR	PCS3P8504AG-08CR
PCS3P85G00AG-08-CR	P3P85G00AG-08CR
PCS3PS550AG-08-CR	PCS3PS550AG-08CR
PCS3PS550AHG-08-CR	P3PS550AHG-08-CR

ON Semiconductor (Pulsecore) Part Number
ASM1232LP
ASM1232LPS-2F-T
ASM1232LPSN-2F
ASM161MCUSF-T
ASM161SCUSF-T
ASM161TEUSF-T
ASM1810R-10F-T
ASM1810R-15F-T
ASM1811R-15F-T
ASM1811R-5F-T
ASM1812R-10F-T
ASM1812R-15F-T
ASM1816R-10F-T
ASM1816R-15F-T
ASM1816R-20F-T
ASM1832SF-T
ASM1834ASF-T
ASM1834SF-T
ASM3I2579AF-06OR
ASM3I2669AF-06OR
ASM3I2779AF-06OR
ASM3P1819NF-08SR
ASM3P2107AF-08SR
ASM3P2111BG-08SR
ASM3P2180AF-08SR
ASM3P2180AF-08ST
ASM3P2182AF-08SR
ASM3P2182AF-08ST



ON Semiconductor (Pulsecore) Part Number
ASM3P2474AF-06OR
ASM3P2669AF-06OR
ASM3P2760AF-06OR
ASM3P2775AF-06OR
ASM3P2779AF-06OR
ASM3P2780AF-06OR
ASM3P2811AF-08SR
ASM3P2811AF-08ST
ASM3P2811BF-08SR
ASM3P2811BF-08ST
ASM3P2812AF-08SR
ASM3P2812AF-08ST
ASM3P2812AF-08TR
ASM3P2812BF-08SR
ASM3P2812BF-08ST
ASM3P2814AF-08SR
ASM3P2814BF-08TR
ASM3P2814BF-08TT
ASM3P2853AG-08SR
ASM3P2854CG-16TR
ASM3P2855DG-16TR
ASM3P2863AF-06OR
ASM3P2872AF-06OR
ASM690AESAF
ASM692ACSAF
ASM705CSAF-T
ASM705ESA
ASM705ESAF
ASM706ESAF-T
ASM706PESAF-T
ASM706RESAF-T
ASM706SCSAF
ASM706SESAF-T
ASM706TESAF-T
ASM707EPAF
ASM708SESAF-T
ASM708TCSAF-T
ASM708TESAF-T
ASM809LEURF-T
ASM809REURF-T
ASM810REURF-T



ON Semiconductor (Pulsecore) Part Number
ASM810SEURF-T
ASM811JEUSF-T
ASM811LEUSF-T
ASM811REUSF-T
ASM811SEUSF-T
ASM811TEUSF-T
ASM813LCSAF-T
ASM813LEPAF
ASM813LESAF-T
ASM813LESA-T
I2010AF-08SR
I2040CF-08SR
I2040CF-08ST
I2040CF-08TR
I2781AF-08ST
I2781AG-08SR
I2811BF-08SR
I2811BF-08ST
NB2304AI1DR2G
NB2305AI1DR2G
NB2305AI1DTG
NB2305AI1HDR2G
NB2308AI1DTR2G
NB2308AI1HDR2G
NB2308AI2DG
NB2308AI2DTG
NB2308AI2DTR2G
NB2308AI3DG
NB2308AI4DR2G
NB2309AI1DTR2G
NB2309AI1HDR2G
NB2309AI1HDTG
NB2309AI1HDTR2G
NB2579ASNR2G
NB2669ASNR2G
NB2760ASNR2G
NB2780ASNR2G
P1708CF-08SR
P1708CF-08TR
P1727AF-08SR
P1817AF-08SR



ON Semiconductor (Pulsecore) Part Number
P1817AF-08ST
P1817BF-08SR
P1817BF-08ST
P1819BF-08SR
P1819BF-08ST
P1819BF-08TR
P1819BF-08TT
P1819GF-08SR
P2005AF-08SR
P2005AF-08ST
P2005SF-08SR
P2005SF-08ST
P2008AF-08SR
P2008AF-08ST
P2010AF-08SR
P2010AF-08ST
P2010AF-08TR
P2010AF-08TT
P2027AF-08SR
P2027AF-08ST
P2027AF-08TR
P2027AF-08TT
P2040AF-08SR
P2040BF-08TR
P2040BF-08TT
P2040CF-08SR
P2040CF-08TR
P2041AF-08SR
P2041AF-08ST
P2041AF-08TR
P2041AF-08TT
P2042AF-08SR
P2042AF-08TR
P2042AF-08TT
P2084AF-08SR
P2084AF-08ST
P2160AF-08SR
P2180AF-08SR
P2560BF-08SR
P2781AF-08SR
P2781AF-08ST



ON Semiconductor (Pulsecore) Part Number
P2782AF-08SR
P2784AF-08SR
P2811BF-08SR
P2814BG-08SR
PCS1P2192AG-08SR
PCS1P2860AG-16TR
PCS3P2042BG-08TR
PCS3P2042BG-08TT
PCS809SEURF-T
PCS810LEURF-T
PCS811SIUSF-T