



PRODUCT BULLETIN # 16571

Generic Copy

Issue Date: 19-Jan-2011

TITLE: Shipping Tube change for SOIC Narrow Body (SOIC NB) devices and QSOP at ON Semiconductor Carmona, Philippines

PROPOSED FIRST SHIP DATE: 26-Jan-2011

AFFECTED CHANGE CATEGORY(S): Shipping

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact your local ON Semiconductor sales office or <jeremy.tia@onsemi.com> and <janna.ambait@onsemi.com>

NOTIFICATION TYPE:

ON Semiconductor considers this change approved unless specific conditions of acceptance are provided in writing. To do so, contact <quality@onsemi.com>.

DESCRIPTION AND PURPOSE:

ON Semiconductor Carmona is changing the shipping tube used for SOIC NB (and QSOP) packages. This includes dimension change within the JEDEC specification and supplier change. The change is considered as Quality Improvement and Packaging robustness.

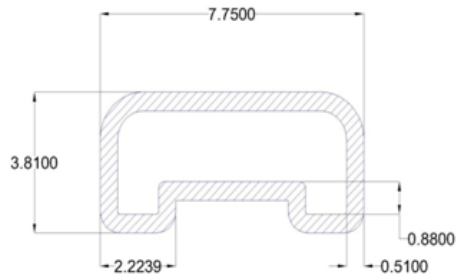
The new tubes are acquired from YOSIKO Industries Inc., Bulacan, Philippines. Further details are shown on the next page.



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Table1. Details for new tube

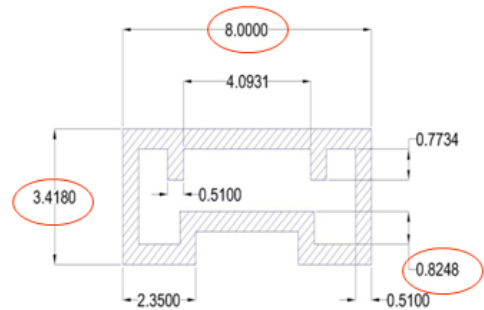
Description	YOSIKO Part Number	Drawing
ON 150 SOIC TUBE w/ RIBLINE	XONW Rev. E	 ON 150 SOIC TUBE W RIBLINE 20.6751 ii
ON 150 SOIC ENDPLUG	XEP-ON-17 Orig.	 ON 150 SOIC EP GREEN.XEP-ON-017-I



Length = 20.000 ± 0.050 inch
Supplier: ITW Ampang, Laguna, Philippines



Note: Dimensions in mm



Length = 20.6751 ± 0.050 inch
Supplier: YOSIKO, Bulacan, Philippines

Figure1. Details of change


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List of affected General Parts:

QSOP-16	
ADM1021AARQZ	ADM1031ARQZ
ADM1023ARQZ	ADM1033ARQZ
ADM1030ARQZ	ADT7460ARQZ
	ADT7467ARQZ

QSOP-24	
ADT7463ARQZ	ADT7476ARQZ
ADT7476AARQZ	ADT7490ARQZ

SOIC-14	
CS3351YD14G	MC74AC00DG
MC1488DG	MC74AC02DG
MC1489ADG	MC74AC04DG
MC1489DG	MC74AC05DG
MC1496BDG	MC74AC05DR2G
MC1496DG	MC74AC08DG
MC3303DG	MC74AC11DG
MC33074ADG	MC74AC125DG
MC33074DG	MC74AC132DG
MC33079DG	MC74AC14D
MC33174DG	MC74AC14DG
MC33174VDG	MC74AC32D
MC33179DG	MC74AC32DG
MC33204DG	MC74AC74DG
MC33274ADG	MC74ACT00DG
MC3403DG	MC74ACT02DG
MC34074ADG	MC74ACT04DG
MC34074DG	MC74ACT05DG
MC34074VDG	MC74ACT08DG
	MC74ACT125DG

SOIC-14-CPR	
LM224DG	MC33060ADG
LM239DG	MC34060ADG
LM2901DG	MC74HC00ADG
LM2901VDG	MC74HC02ADG
LM2902DG	MC74HC03ADG


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LM2902VDG	MC74HC04ADG
LM324ADG	MC74HC05ADG
LM324DG	MC74HC08ADG
LM339DG	MC74HC11ADG
MC14001BDG	MC74HC125ADG
MC14001UBDG	MC74HC126ADG
MC14007UBDG	MC74HC132ADG
MC14011BDG	MC74HC14ADG
MC14011UBDG	MC74HC164ADG
MC14012BDG	MC74HC32ADG
MC14013BDG	MC74HC393ADG
MC14016BDG	MC74HC4066ADG
MC14023BDG	MC74HC73ADG
MC14024BDG	MC74HC74ADG
MC14025BDG	MC74HC86ADG
MC14066BDG	MC74HCT04ADG
MC14069UBDG	MC74HCT08ADG
MC14070BD	MC74HCT125ADG
MC14070BDG	MC74HCT132ADG
MC14071BDG	MC74HCT14ADG
MC14073BDG	MC74HCT32ADG
MC14077BDG	MC74HCT74ADG
MC14081BDG	MC74HCT86ADG
MC14082BDG	MC74HCU04ADG
MC14093BDG	MC14541BDG
MC14106BDG	MC14584BDG
MC14541BD	MC3302DG

SOIC-16	
CS9021DR16G	MC74ACT138DG
MC100EL15DG	MC74ACT139DG
MC100EL34DG	MC74ACT153DG
MC100EL57DG	MC74ACT157DG
MC100LVEL34DG	MC74ACT161DG
MC10EL15DG	MC74ACT253DG
MC10EL34DG	MC74ACT257DG
MC10EL57DG	MC74ACT259DG
MC10H116DG	MC74HC4046ADG
MC10SX1189DG	MC74HC4060ADG


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MC74AC138DG	MC74HC4538ADG
MC74AC139DG	MC74LVX4053DG
MC74AC157DG	MC74VHC257DG
MC74AC161DG	NB4N507ADG
MC74AC4040DG	NE5517DG

SOIC-16-CPR	
MC14014BDG	MC14538BDG
MC14015BDG	MC14543BDG
MC14017BDG	MC14551BDG
MC14018BDG	MC14555BDG
MC14020BDG	MC14585BDG
MC14021BDG	MC26LS30DG
MC14022BDG	MC74HC112ADG
MC14027BDG	MC74HC138AD
MC14028BDG	MC74HC138ADG
MC14040BDG	MC74HC139ADG
MC14042BDG	MC74HC151ADG
MC14043BDG	MC74HC153ADG
MC14044BDG	MC74HC157ADG
MC14049BDG	MC74HC161ADG
MC14049UBDG	MC74HC165ADG
MC14050BDG	MC74HC174ADG
MC14051BDG	MC74HC238ADG
MC14052BDG	MC74HC251ADG
MC14053BDG	MC74HC259ADG
MC14060BDG	MC74HC365ADG
MC14076BDG	MC74HC368ADG
MC14094BDG	MC74HC390ADG
MC1413BDG	MC74HC4020ADG
MC1413DG	MC74HC4040ADG
MC14175BDG	MC74HC4051ADG
MC14503BDG	MC74HC4052ADG
MC14504BD	MC74HC4053ADG
MC14504BDG	MC74HC589ADG
MC14511BDG	MC74HC595AD
MC14512BDG	MC74HC595ADG
MC14516BDG	MC74HCT4051ADG
MC14521BDG	MC74HCT4851ADG


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MC14528BDG	TL494BDG
MC14532BDG	TL494CDG
	TL594CDG

SOIC-16N-VHVIC	
MC33364DG	MC33368DG

SOIC-8	
ADM1032ARZ	MC33275D-3.0
ADM1032ARZ-001	MC33275D-3.3
ADP3121JRZ	MC33275D-5.0
ADT7421ARZ	MC33340D
ADT7461AR	MC33340DG
ADT7461ARZ	MC33341D
FLM2931AD-5.0	MC33341DG
FMC33202D	MC33342D
FMC33202DG	MC33342DG
L4949A3	MC33364D1G
L4949D	MC33364D2G
L4949DG	MC33375D-2.5
LM201AD	MC33375D-3.0
LM201ADG	MC33375D-3.3
LM211D	MC33375D-5.0
LM211DG	MC33502D
LM2594DADJG	MC33502DG
LM285D-1.2	MC33565DG
LM285D-1.2G	MC33567D-001
LM285D-2.5	MC33567D-002
LM285D-2.5G	MC33567D-1G
LM2931AD-5.0	MC34063AD
LM2931D-5.0	MC34063ADG
LM301AD	MC34063BD
LM301ADG	MC34063BDG
LM311D	MC34064D-005
LM311DG	MC34064D-005G
LM385BD-1.2	MC34064D-5G
LM385BD-1.2G	MC34071AD
LM385BD-2.5	MC34071ADG
LM385BD-2.5G	MC34071D


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LM385D-1.2	MC34071DG
LM385D-1.2G	MC34072AD
LM385D-2.5	MC34072ADG
LM385D-2.5G	MC34072D
LM833D	MC34072DG
LM833DG	MC34072VD
LP2951ACD	MC34072VDG
LP2951ACD-3.0	MC34161D
LP2951ACD-3.0G	MC34161DG
LP2951ACD-3.3	MC34164D-003
LP2951ACD-3.3G	MC34164D-005
LP2951ACDG	MC34164D-3G
LP2951ACDGH	MC34164D-5G
LP2951CD	MC3423D
LP2951CD-3.0	MC3423DG
LP2951CD-3.0G	MC34262DG
LP2951CD-3.3	MC34268D
LP2951CD-3.3G	MC3488AD
LP2951CDG	MC3488ADG
MAX707ESA-T	MC78L05ABD
MAX707ESA-TG	MC78L05ACD
MAX708ESA-T	MC78L08ABD
MAX708ESA-TG	MC78L08ACD
MAX708RESA-T	MC78L09ABD
MAX708RESA-TG	MC78L09ACD
MAX708SESA-T	MC78L12ABD
MAX708SESA-TG	MC78L12ACD
MAX708TESA-T	MC78L15ABD
MAX708TESA-TG	MC78L15ACD
MC1403BD	MC79L12ABD
MC1403BDG	MC79L12ACD
MC1403D	MC79L15ABD
MC1403DG	MC79L15ACD
MC1455BD	NCL30131A0
MC1455D	NCP1236A0CW
MC1455DG	NCP1236A1
MC33039D	NCP1252A0
MC33039DG	NCP382A1CW
MC33063AD	NCP4300ADG


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MC33063ADG	NCP4303A1
MC33063AVD	NCP431A1
MC33063AVDG	NCS2553DG
MC33064D-005	NCS2563DG
MC33064D-5G	NCV1009DH
MC33071AD	NCV317LBDG
MC33071ADG	NCV4949DG
MC33071D	NCV78L05ABDG
MC33071DG	NCV78L12ABDG
MC33072AD	NE5230D
MC33072ADG	NE5534AD
MC33072D	NE5534ADG
MC33072DG	NE5534D
MC33077D	NE5534DG
MC33077DG	NE592D8
MC33078D	NE592D8G
MC33078DG	PCA9306A2
MC33161D	SA5230D
MC33161DG	SA5534AD
MC33164D-003	SA5534ADG
MC33164D-005	SC2903D
MC33164D-3G	SC2903DG
MC33164D-5G	SCY99107A1CW
MC33171D	SE5230D
MC33171DG	TL431ACDG
MC33172D	TL431AIDG
MC33172DG	TL431BCDG
MC33172VD	TL431BIDG
MC33172VDG	TL431BVDG
MC33232DG	TL431CDG
MC33260DG	TL431IDG
MC33262DG	UAA2016DG
MC33269D	UC2842BD1G
MC33269D-012	UC2843BD1G
MC33269D-012G	UC2845BD1G
MC33269D-3.3	UC3842BD1G
MC33269D-3.3G	UC3842BVD1G
MC33269D-5.0	UC3843BD1G
MC33269D-5.0G	UC3843BVD1G


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MC33269DG	UC3844BD1G
MC33272AD	UC3844BVD1G
MC33272ADG	UC3845BD1G
MC33275D-2.5	UC3845BVD1G

SOIC-8-CPR	
FLM2904D	MC33202VDG
FLM2904DG	MC33275D-2.5G
FLM2931AD-5.0G	MC33275D-3.0G
LM258D	MC33275D-3.3G
LM258DG	MC33275D-5.0G
LM2903D	MC33375D-2.5G
LM2903DG	MC33375D-3.0G
LM2903VD	MC33375D-3.3G
LM2903VDG	MC33375D-5.0G
LM2904D	MC34151DG
LM2904DG	MC34152DG
LM2904VD	MC34268DG
LM2904VDG	MC78L05ABDG
LM2931ACD	MC78L05ACDG
LM2931ACDG	MC78L08ABDG
LM2931AD-5.0G	MC78L08ACDG
LM2931CD	MC78L09ABDG
LM2931CDG	MC78L09ACDG
LM2931D-5.0G	MC78L12ABDG
LM293D	MC78L12ACDG
LM293DG	MC78L15ABDG
LM317LBD	MC78L15ACDG
LM317LBDG	MC79L05ABD
LM317LD	MC79L05ABDG
LM317LDG	MC79L05ACD
LM358D	MC79L05ACDG
LM358DG	MC79L12ABDG
LM393D	MC79L12ACDG
LM393DG	MC79L15ABDG
MC33151DG	MC79L15ACDG
MC33152DG	NCP3334DADJG
MC33152VDG	NCY9000D

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MC33153DG	NCY9000DG
MC33178D	NE5230DG
MC33178DG	NE5532AD8
MC33201D	NE5532AD8G
MC33201DG	NE5532D8
MC33201VD	NE5532D8G
MC33201VDG	SA5230DG
MC33202D	SE5230DG
MC33202DG	SE5532AD8
MC33202VD	SE5532AD8G

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AFFECTED CHANGE CATEGORY(S): Shipping

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