



Product Change Notification

Product Change Notification Number: SC112801

Notification Date: August 9, 2011

Title: Marking Change for All mSilica Legacy Products

Product Identification:

See below Identification Method to Distinguish Change for the affected part numbers.

Reason for Change:

☐ Material / Composition	☐ Design / Firmware	☐ Manufacturing Location
☒ Processing / Manufacturing	☐ Logistics	☐ Quality / Reliability

Change Description:

Adopt Atmel marking specifications.

Identification Method to Distinguish Change:

Affected device numbers:

Device Number	Package Description	Lead Count	Atmel Mark Code
MSL2040	VQFN 5X5X0.9mm	32	M1N9
MSL1060	VQFN 5X5X0.9mm	24	M1N9
MSL1061	VQFN 5X5X0.9mm	28	M1N9
MSL1064	VQFN 5X5X0.9mm	24	M1N9
MSL3162	VQFN 6X6X0.9mm	40	M1N9
MSL3164	VQFN 6X6X0.9mm	40	M1N9
MSL3163	VQFN 6X6X0.9mm	40	M1N9
MSL3083	VQFN 6X6X0.9mm	40	M1N9
MSL3085	VQFN 6X6X0.9mm	40	M1N9
MSL3168	VQFN 6X6X0.9mm	40	M1N9
MSL4164	VQFN 6X6X0.9mm	40	M1N9
MSL2100	VQFN 6x6x0.9mm	48	M1N9
MSL3082	VQFN 7x7x0.9mm	44	M1N9
MSL2160	VQFN 9x9x0.9mm	64	M1N9
MSL2162	VQFN 9x9x0.9mm	64	M1N9
MSL2041	SOIC (.300")	32	S2N3
MSL2042	SOIC (.300")	32	S2N3
MSL3167	SOIC (.300")	32	S2N3

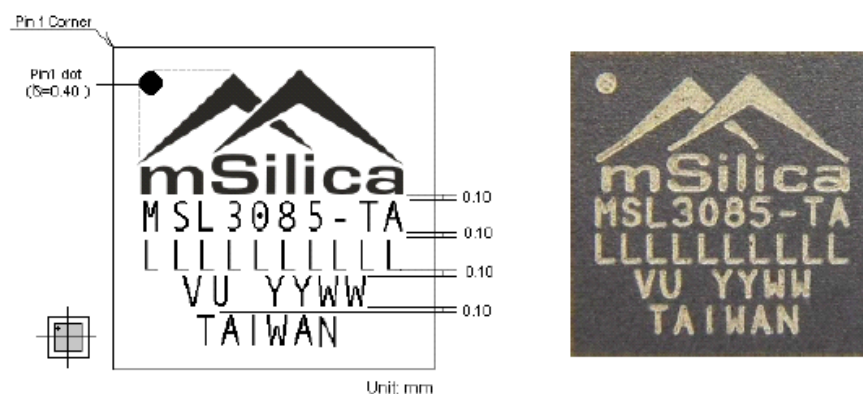
mSilica Marking Spec:

Logo mSilica/Atmel (note 3)
2nd Line Part Number
3rd Line Fab Lot Number
4th Line Vendor code & Date Code
5th Line Country of Origin

Notes:

- 1 The spec is applicable to both QFN and SOP packages.
- 2 Vendor code is optional and recent mSilica builds do not have it.
- 3 MSL4164 and MSL2160DQ-TS1 devices are showing "ATMEL".

QFN Package:



SOIC Package:

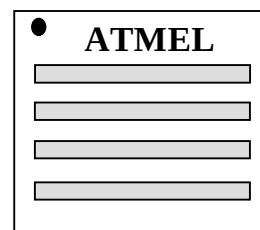


Atmel Marking Spec:

Marking code: "M1N9"

Mark orientation – Pin#1 at upper/left corner

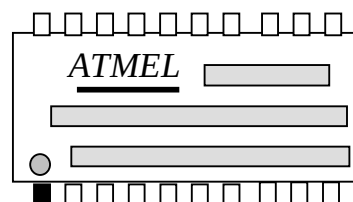
1st Line: "ATMEL"
2nd Line: Device Number
3rd Line: Temperature grade, Die rev & Assembly location code
4th Line: Date Code
5th Line: Lot Number



Marking code: "S2N3"

Mark orientation – lead#1 at bottom/left corner

1st Line: ATMEL logo & Date Code
2nd Line: Device Number, Temperature grade, Die rev
3rd Line: Lot Number & Assembly location code



Qualification Data:	☐ Available	☐ Will be available (mm/dd/yr):	☒ Not Applicable
Samples:	☐ Available	☐ Will be available (mm/dd/yr):	☒ Not Applicable

Quantifiable Impact on Quality & Reliability:

None

Proposed First Ship Date*: October 27, 2011

**The Proposed First Ship Date is the forecasted date that a customer may expect to receive changed product. This is determined by the estimated date of inventory depletion on the PCN issue date. This may be affected by fluctuations in supply and demand. Consequently, although customers should be prepared to receive changed product on this date, Atmel will continue to ship pre-changed product until a time in which inventory has been depleted. This may result in pre-changed product being shipped to customers after this forecasted date.*

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Company: Name: Title: Date: Email Address: Location: Comments:	
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