



Product Change Notification

Product Change Notification Number: NC092407

Date: June 25, 2009

Title: MCGA Daisy Chains Change

Product Identification:

Daisychain349 and Daisychain472

Reason for Change:

☐ Design

☐ Manufacturing Location

☐ Processing

☒ Quality/Reliability

☐ Logistics

☐ Material

Change Description:

The daisy chains previously manufactured by wire-bonding will change to daisy chains manufactured by routing the paths inside the ceramic packages. It should be noticed that the "pad to pad connection table" has changed as described in the file here joined. See Attachment A

Identification Method to Distinguish Change:

Date code 0927

Qualification Data:

☐ available

☐ will be available in WW___

☒ not applicable

Samples:

☐ available

☐ will be available in WW___

☒ not applicable

Quantifiable Impact on Quality & Reliability:

Reliability improvement

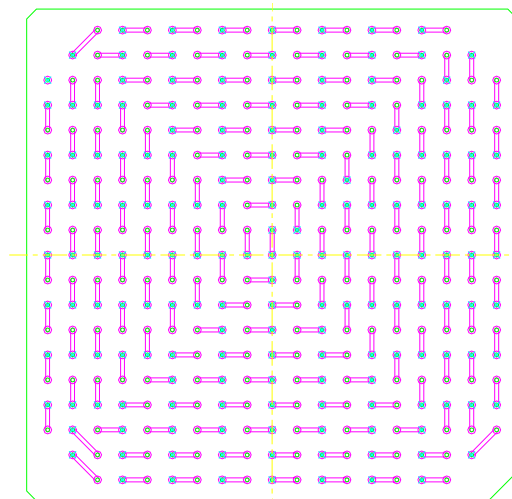
Proposed First Ship Date*: September 30, 2009

**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.*

Atmel Contact: pcnadm@atmel.com

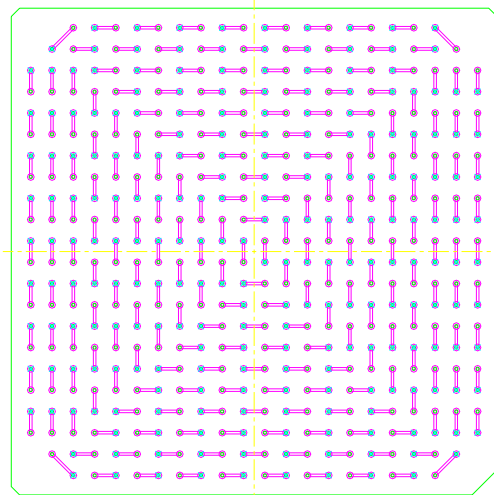
Atmel will deem this change accepted unless specific conditions of acceptance are provided in writing within 30 days from the date of this notice. All correspondence must be sent to the Atmel Contact e-mail address listed above.

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Attachment A**MCGA349****Routing Pattern****Pin to Pin connection table**

PIN	PIN	PIN	PIN	PIN	PIN	PIN	PIN	PIN	PIN
A3	A4	E6	E7	J7	K7	N11	N12	V6	V7
A5	A6	E8	E9	J9	K9	N14	P14	V8	V9
A7	A8	E10	E11	J10	J11	N16	P16	V10	V11
A9	A10	E12	E13	J12	K12	N19	P19	V12	V13
A11	A12	E14	E15	J14	K14	P1	R1	V14	V15
A13	A14	E16	F16	J16	K16	P4	R4	V16	V17
A15	A16	E19	F19	J19	K19	P6	R6	V18	W17
A17	B18	F1	G1	K1	L1	P8	P9	W3	W4
B2	C1	F4	G4	K4	L4	P10	P11	W5	W6
B3	B4	F6	G6	K6	L6	P12	P13	W7	W8
B5	B6	F7	F8	K8	L8	P15	R15	W9	W10
B7	B8	F9	F10	K10	L10	P17	R17	W11	W12
B9	B10	F11	F12	K11	L11	P18	R18	W13	W14
B11	B12	F13	F14	K13	L13	R2	T2	W15	W16
B13	B14	F15	G15	K15	L15	R3	T3		
B15	B16	F17	G17	K17	L17	R5	T5	N/C	
B17	C18	F18	G18	K18	L18	R7	R8	U19	
C2	D2	G2	H2	L2	M2	R9	R10	VSS	
C3	D3	G3	H3	L3	M3	R11	R12	VCC	
C4	C5	G5	H5	L5	M5	R13	R14		
C6	C7	G7	H7	L7	M7	R16	T16		
C8	C9	G8	G9	L9	M9	R19	T19		
C10	C11	G10	G11	L12	M12	T1	U1		
C12	C13	G12	G13	L14	M14	T4	U4		
C14	C15	G14	H14	L16	M16	T6	T7		
C16	C17	G16	H16	L19	M19	T8	T9		
C19	D19	G19	H19	M1	N1	T10	T11		
D1	E1	H1	J1	M4	N4	T12	T13		
D4	E4	H4	J4	M6	N6	T14	T15		
D5	D6	H6	J6	M8	N8	T17	U17		
D7	D8	H8	J8	M10	M11	T18	U18		
D9	D10	H9	H10	M13	N13	U2	V2		
D11	D12	H11	H12	M15	N15	U3	V3		
D13	D14	H13	J13	M17	N17	U5	U6		
D15	D16	H15	J15	M18	N18	U7	U8		
D17	E17	H17	J17	N2	P2	U9	U10		
D18	E18	H18	J18	N3	P3	U11	U12		
E2	F2	J2	K2	N5	P5	U13	U14		
E3	F3	J3	K3	N7	P7	U15	U16		
E5	F5	J5	K5	N9	N10	V4	V5		

MCGA472

Routing Pattern**Pin to Pin connection table**

PIN	PIN	PIN	PIN	PIN	PIN	PIN	PIN	PIN	PIN	PIN	PIN
A3	B2	D17	D18	H6	J6	L16	M16	R11	R12	W7	W8
A4	A5	D19	E19	H8	J8	L18	M18	R13	R14	W9	W10
A6	A7	E1	F1	H9	H10	L20	M20	R16	T16	W11	W12
A8	A9	E2	F2	H11	H12	L21	M21	R18	T18	W13	W14
A10	A11	E3	F3	H13	H14	L22	M22	R20	T20	W15	W16
A12	A13	E5	F5	H15	J15	M4	N4	R21	T21	W17	W18
A14	A15	E6	E7	H17	J17	M6	N6	R22	T22	W20	Y20
A16	A17	E8	E9	H19	J19	M8	N8	T4	U4	W21	Y21
A18	A19	E10	E11	J1	K1	M10	N10	T6	U6	W22	Y22
A20	B21	E12	E13	J2	K2	M13	N13	T8	T9	Y4	Y5
B3	B4	E14	E15	J3	K3	M15	N15	T10	T11	Y6	Y7
B5	B6	E16	E17	J5	K5	M17	N17	T12	T13	Y8	Y9
B7	B8	E18	F18	J7	K7	M19	N19	T14	T15	Y10	Y11
B9	B10	E20	F20	J9	K9	N1	P1	T17	U17	Y12	Y13
B11	B12	E21	F21	J10	J11	N2	P2	T19	U19	Y14	Y15
B13	B14	E22	F22	J12	J13	N3	P3	U1	V1	Y16	Y17
B15	B16	F4	G4	J14	K14	N5	P5	U2	V2	Y18	Y19
B17	B18	F6	G6	J16	K16	N7	P7	U3	V3	AA2	AB3
B19	B20	F7	F8	J18	K18	N9	P9	U5	V5	AA3	AA4
C1	D1	F9	F10	J20	K20	N11	N12	U7	U8	AA5	AA6
C2	D2	F11	F12	J21	K21	N14	P14	U9	U10	AA7	AA8
C3	D3	F13	F14	J22	K22	N16	P16	U11	U12	AA9	AA10
C4	C5	F15	F16	K4	L4	N18	P18	U13	U14	AA11	AA12
C6	C7	F17	G17	K6	L6	N20	P20	U15	U16	AA13	AA14
C8	C9	F19	G19	K8	L8	N21	P21	U18	V18	AA15	AA16
C10	C11	G1	H1	K10	L10	N22	P22	U20	V20	AA17	AA18
C12	C13	G2	H2	K11	K12	P4	R4	U21	V21	AA19	AA20
C14	C15	G3	H3	K13	L13	P6	R6	U22	V22	AA21	AB20
C16	C17	G5	H5	K15	L15	P8	R8	V4	W4	AB4	AB5
C18	C19	G7	H7	K17	L17	P10	P11	V6	V7	AB6	AB7
C20	D20	G8	G9	K19	L19	P12	P13	V8	V9	AB8	AB9
C21	D21	G10	G11	L1	M1	P15	R15	V10	V11	AB10	AB11
C22	D22	G12	G13	L2	M2	P17	R17	V12	V13	AB12	AB13
D4	E4	G14	G15	L3	M3	P19	R19	V14	V15	AB14	AB15
D5	D6	G16	H16	L5	M5	R1	T1	V16	V17	AB16	AB17
D7	D8	G18	H18	L7	M7	R2	T2	V19	W19	AB18	AB19
D9	D10	G20	H20	L9	M9	R3	T3	W1	Y1		
D11	D12	G21	H21	L11	M11	R5	T5	W2	Y2		
D13	D14	G22	H22	L12	M12	R7	T7	W3	Y3		
D15	D16	H4	J4	L14	M14	R9	R10	W5	W6		