

### **Product Change Notification / CAAN-27VKXJ630**

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04-Mar-2024

# **Product Category:**

8-Bit Microcontrollers, Capacitive Touch Sensors

# **PCN Type:**

Manufacturing Change

# **Notification Subject:**

CCB 6849 Initial Notice: Qualification of STA as an additional assembly site for selected AT42QT1x, AT42QT21, AT42QT41, ATmega16, ATmega32, ATmega48, ATmega8x, ATtiny26, ATtiny46, ATtiny8x, QT60160 and QT60240 device families available in 32L VQFN (5x5x1mm) package.

### **Affected CPNs:**

CAAN-27VKXJ630\_Affected\_CPN\_03042024.pdf CAAN-27VKXJ630\_Affected\_CPN\_03042024.csv

#### **Notification Text:**

**Notification Body:** 

PCN Status: Initial Notification

**PCN Type:**Manufacturing Change

**Microchip Parts Affected:**Please open one of the files found in the Affected CPNs section. Note: For your convenience Microchip includes identical files in two formats (.pdf and .xls)

**Description of Change:**Qualification of STA as an additional assembly site for selected AT42QT1x, AT42QT21, AT42QT41, ATmega16, ATmega32, ATmega48, ATmega8x, ATtiny26, ATtiny46, ATtiny8x, QT60160 and QT60240 device families available in 32L VQFN (5x5x1mm) package.

### **Pre and Post Change Summary:**

	Pre Ch	nange	Post Change						
Assembly Site	Amkor Assembly & Test (Shanghai) Co., LTD (ANAC)		Amkor Assembly & Test (Shanghai) Co., LTD (ANAC)		STATS Chippac Ltd. (STA)				
Wire Material	Au	CuPd	Au	CuPd	Au	CuPdAu			
Die Attach Material	8290		8290		8290				
Molding Compound Material	G700		G700		G700E				
Lead-Frame Material	C194		C194		C194				
Lead-Frame Paddle Size	146X146mils		146X146mils		138X138mils				
Lead-Frame Lead Lock	No		No		Yes				
Lead-Frame Design	See Pre and Post Change Summary								

#### Impacts to Data Sheet:None

#### Change ImpactNone

**Reason for Change:**To improve on time delivery performance by qualifying STA as an additional assembly site.

## **Change Implementation Status:**In Progress

### **Estimated Qualification Completion Date:**August 2024

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

#### **Time Table Summary:**

	March 2024				>	August 2024					
Workweek	10	11	12	13	14		31	32	33	34	35
Initial PCN Issue Date	Х										
Qual Report Availability									Х		
Final PCN Issue Date									Х		

Method to Identify Change: Traceability code

**Qualification Plan:**Please open the attachments included with this PCN labeled as PCN\_#\_Qual\_Plan.

**Revision History:**March 04, 2024: Issued initial notification.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

#### Attachments:

PCN\_CAAN-27VKXJ630\_Pre and Post Change Summary.pdf PCN CAAN-27VKXJ630\_Qual Plan.pdf

Please contact your local Microchip sales office with questions or concerns regarding this notification.

#### **Terms and Conditions:**

If you wish to <u>receive Microchip PCNs via email</u> please register for our PCN email service at our <u>PCN</u> home page select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the <u>PCN FAQ</u> section.

If you wish to <u>change your PCN profile</u>, <u>including opt out</u>, please go to the <u>PCN home page</u> select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

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#### Affected Catalog Part Numbers (CPN)

AT42QT1110-MUR

AT42QT1244-MU

AT42QT1244-MUR

AT42QT1245-MU

AT42QT1245-MUR

AT42QT2100-MUR

AT42QT4160-MUR

ATMEGA168-20MQ

ATMEGA168-20MQR

ATMEGA168-20MU

ATMEGA168-20MUR

ATMEGA168A-MU

ATMEGA168A-MUR

ATMEGA168P-20MQ

ATMEGA168P-20MQR

ATMEGA168P-20MU

ATMEGA168P-20MUR

ATMEGA168PA-MN

ATMEGA168PA-MNR

ATMEGA168PA-MURA2

ATMEGA168PV-10MU

ATMEGA168PV-10MUR

ATMEGA168V-10MQ

ATMEGA168V-10MQR

ATMEGA168V-10MQR610

ATMEGA168V-10MU

ATMEGA168V-10MUR

ATMEGA168V-10MUR598

ATMEGA328-MU

ATMEGA328-MUR

ATMEGA328P-MN

ATMEGA328P-MNR

ATMEGA328P-MUA2

ATMEGA48-20MU

ATMEGA48-20MUR

ATMEGA48A-MU

ATMEGA48A-MUR

ATMEGA48P-20MU

ATMEGA48P-20MUR

ATMEGA48PA-MN

ATMEGA48PA-MNR

ATMEGA48PV-10MU

ATMEGA48PV-10MUR

ATMEGA48V-10MU

ATMEGA48V-10MUR

ATMEGA48V-10MURA3

Date: Sunday, March 3, 2024

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ATMEGA88P-20MUR

ATMEGA88PA-MN

ATMEGA88PA-MNR

ATMEGA88PA-MURA6

ATMEGA88PV-10MU

ATMEGA88PV-10MUR

ATMEGA88V-10MU

ATMEGA88V-10MUR

ATMEGA88V-10MURA1

ATMEGA8A-MN

ATMEGA8A-MNR

ATMEGA8A-MU

ATMEGA8A-MUR

ATMEGA8A-MURA7

ATMEGA8L-8MU

ATMEGA8L-8MUA4

ATMEGA8L-8MUR

ATTINY26-16MQR

ATTINY26-16MU

ATTINY26-16MUR

ATTINY261A-MF

ATTINY261A-MFR

ATTINY26L-8MU

ATTINY26L-8MUR

ATTINY461-20MU

ATTINY461-20MUR

ATTINY461V-10MU

ATTINY461V-10MUR

ATTINY828-MU

ATTINY828-MUR

ATTINY861-20MU

ATTINY861-20MUR

ATTINY861A-MU

ATTINY861V-10MU

ATTINY861V-10MUR

QT60160-ISG

QT60240-ISG

Date: Sunday, March 3, 2024