



Product Change Notification: MAAN-16IDUT906

Date:

27-Apr-2026

Product Category:

CAN SBC, CAN/LIN SBC

Notification Subject:

CCB 7952 Final Notice: Qualification of MPHL as an additional final test site for selected ATA6500, ATA6501, ATA6502, ATA6503, ATA6504, ATA6505, ATA6580, ATA6581, ATA6582, ATA6583, ATA6585, ATA6586, ATA6587 and ATA6588 device families available in various packages.

Affected CPNs:

[MAAN-16IDUT906_Affected_CPN_04272026.pdf](#)

[MAAN-16IDUT906_Affected_CPN_04272026.csv](#)

PCN Status: Final 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 MPHL as an additional final test site for selected ATA6500, ATA6501, ATA6502, ATA6503, ATA6504, ATA6505, ATA6580, ATA6581, ATA6582, ATA6583, ATA6585, ATA6586, ATA6587 and ATA6588 device families available in various packages.

Pre and Post Summary Changes:

	Pre Change	Post Change		Change (Yes/No)
Final Test Site	Microchip Technology Thailand (HQ) (MTAI)	Microchip Technology Thailand (HQ) (MTAI)	Microchip Technology Operations (Phils.) Corp. (MPHIL)	Yes

Packing Material/Method	No Change.	No
--------------------------------	------------	----

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve manufacturability by qualifying MPHL as an additional final test site.

Change Implementation Status: In Progress

Estimated First Ship Date: 27 May 2026 (date code: 2622)

Note Below EFSD: 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.

Timetable Summary:

	December 2025					>	April 2026				May 2026			
Work Week	49	50	51	52	01		15	16	17	18	19	20	21	22
Initial PCN Issue Date					x									
Qual Report Availability										x				
Final PCN Issue Date										x				
Estimated Implementation Date														x

Method to Identify Change: Traceability Code

Qualification Report: Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History:

December 29, 2025: Issued initial notification.

April 27, 2026: Issued final notification. Reorganize the Pre and Post Change Summary table to clearly display the Post-Change column along with the Change (Yes/No) column. Attached the Qualification Report. Provided the estimated first ship date to be on May 27, 2026.

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

Attachments:

[PCN_MAAN-16IDUT906 Qualification Report.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN):

ATA6583-GUQW1-VAO

ATA6588-GUQW1-VAO

ATA6587-GUQW1-VAO

ATA6582-GUQW1-VAO

ATA6503T-4BWVAO

ATA6502T-4BWVAO

ATA6501T-4CWVAO

ATA6500T-4CWVAO

ATA6504T-QBBVAO

ATA6505T-QBBVAO

ATA6580-GTQW0-VAO

ATA6586-GTQW1-VAO

ATA6585-GTQW1-VAO

ATA6581-GTQW1-VAO

ATA6580-GTQW1-VAO

ATA6586-GTQW0-VAO

ATA6585-GTQW0-VAO

ATA6581-GTQW0-VAO



QUALIFICATION REPORT SUMMARY

PCN #: MAAN-16IDUT906

Date:
March 09, 2026

**Qualification of MPHL as an additional final test site for
selected ATA6500, ATA6501, ATA6502, ATA6503,
ATA6504, ATA6505, ATA6580, ATA6581, ATA6582,
ATA6583, ATA6585, ATA6586,
ATA6587 and ATA6588 device families available in
various packages.**

Purpose: Qualification of MPHL as an additional final test site for selected ATA6500, ATA6501, ATA6502, ATA6503, ATA6504, ATA6505, ATA6580, ATA6581, ATA6582, ATA6583, ATA6585, ATA6586, ATA6587 and ATA6588 device families available in various packages.

CCB No.: 7952

Test Name	Test Conditions	Sample Size	Qty of Lots	Fail/Accept Criteria	Results
Bin and Yield Comparison	Test the same units at existing and destination locations and compare Bin and Yield data	3000	1	$\leq 0.1\%$	PASSED
Parametric / Characterization Comparison	Characterize the same units at existing and destination locations and compare data.	33	1	$\leq 10\%$	PASSED
Correlation Lot report	Yield at each step and reject analysis between systems. 33 units are tested as lot correlation • Accept on yield match within 0.1%	33	1	$\leq 0.1\%$	PASSED