



## Customer Information Notification

202601005I : MCXA345\_346 Datasheet UPDATE from Rev.4 to Rev.5 and MCXA17x\_25x Datasheet UPDATE from Rev.3 to Rev.4

**Note:** This notice is NXP Company Proprietary.

**Issue Date:** Jul 04, 2026 **Effective Date:** Jul 05, 2026

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- ☐ Firmware ☒ Other: Datasheet

### Notification Overview

#### Description

NXP Semiconductors announces that the MCXA345\_346 Datasheet UPDATE from Rev.4 to Rev.5 and MCXA17x\_25x Datasheet UPDATE from Rev.3 to Rev.4

Changes in both 2 datasheets are the same and summarized below:

MCXA345\_346:

- Chapter 1 / Page 1: Remove “Note: All information on the package WFBGA169 is preliminary and pending qualification.”
- Chapter 1 / Page 2: providing 16 complementary outputs for each (no Nanoedge module)
- Chapter 1 / Page 5 / Table 3: Add weblink to “98ASA02230D”

- 4.Chapter 1 / Table 4:Correction OPAMP# for MCXA365/6 LQFP64 to 2, Correction FlexPWM# to 2
- 5.Chapter 3 / Page 14 / Table 11:Correction “Only RESET\_B pins support this option. ” to “Only tamper pins and RESET\_B pins support this option.
- 6.Chapter 4 / Table 25:Remove Fclkout\_1T and update WFBGA169 FRO180 accuracy and Change “Guaranteed by characterization” to “Characterization on a production tester”
- 7.Chapter 4/ Page 32 / Table 27:Add WFBGA169’s FRO16K accuracy value in table 27 and add notes
- 8.Chapter 6 / Table 47:WFBGA169 NC pins name correction

MCXA17x\_25x:

- 1.Chapter 1 / Page 1:Remove “Note: All information on the package WFBGA169 is preliminary and pending qualification.”
- 2.Chapter 1 / Page 2:providing 16 complementary outputs for each (no Nanoedge module)
- 3.Chapter 1 / Page 5 / Table 3:Add weblink to “98ASA02230D”
- 4.Chapter 1 / Page 9 /Table 4:Correction segment LCD feature# for A185/A186 and A265/A266
- 5.Chapter 3 / Page 15 / Table 11:Correction “Only RESET\_B pins support this option. ” to “Only tamper pins and RESET\_B pins support this option.
- 6.Chapter 4 / Page 31/Table 25:Remove Fclkout\_1T and update WFBGA169 FRO180 accuracy and Change “Guaranteed by characterization” to “Characterization on a production tester”
- 7.Chapter 4/ Page 32 / Table 27:Add WFBGA169’s FRO16K accuracy value in table 27 and add notes
- 8.Chapter 6 / Page 86 /Table 47:WFBGA169 NC pins name correction

Datasheet weblink is

- 1.<https://www.nxp.com/docs/en/data-sheet/MCXAP144M240F60.pdf>
- 2.<https://www.nxp.com/docs/en/data-sheet/MCXAP144M240F61.pdf>

### **Reason**

The Datasheet has been updated to provide additional technical clarification on some device features.

### **Identification of Affected Products**

Product identification does not change

### **Anticipated Impact on Form, Fit, Function, Reliability or Quality**

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No Impact on form, fit, function, reliability or quality

### **Data Sheet Revision**

A new data sheet will be issued

### **Additional information**

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Additional documents: [view online](#)

## Contact and Support

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For all inquiries regarding the ePCN tool application or access issues, please contact NXP "Global Quality Support Team".

For all Quality Notification content inquiries, please contact your local NXP Sales Support team.

For specific questions on this notice or the products affected please contact our specialist directly:

|                       |                                                              |
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| 12NC         | Orderable Part Number | Product Type | Product Description | Package Outline | Package Description | Product Status | Customer Specific Indicator | New 12NC | New Orderable Part Number | New Product Type | New Product Description | Product Line | Notes | STG | Mask Set | Quality Segment    |
|--------------|-----------------------|--------------|---------------------|-----------------|---------------------|----------------|-----------------------------|----------|---------------------------|------------------|-------------------------|--------------|-------|-----|----------|--------------------|
| 935465803557 | MCXA345VPN            | MCXA345VPN   | MCXA20 1698GA       | (W)FPGA169M     | SOT2265-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465409557 | MCXA345VLQ            | MCXA345VLQ   | MCXA20 144LQFP      | (L)QFP144       | SOT486-2            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465503957 | MCXA345VLL            | MCXA345VLL   | MCXA20 100LQFP      | (L)QFP100       | SOT407-3            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465505557 | MCXA345VLH            | MCXA345VLH   | MCXA20 64LQFP       | (L)QFP64        | SOT1699-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465408557 | MCXA346VLQ            | MCXA346VLQ   | MCXA20 144LQFP      | (L)QFP144       | SOT486-2            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465501557 | MCXA346VLL            | MCXA346VLL   | MCXA20 100LQFP      | (L)QFP100       | SOT407-3            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465504557 | MCXA346VLH            | MCXA346VLH   | MCXA20 64LQFP       | (L)QFP64        | SOT1699-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465802557 | MCXA346VPN            | MCXA346VPN   | MCXA20 1698GA       | (W)FPGA169M     | SOT2265-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465585557 | MCXA355VLQ            | MCXA355VLQ   | MCXA20 144LQFP      | (L)QFP144       | SOT486-2            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465586557 | MCXA356VLQ            | MCXA356VLQ   | MCXA20 144LQFP      | (L)QFP144       | SOT486-2            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465613557 | MCXA355VLL            | MCXA355VLL   | MCXA20 100LQFP      | (L)QFP100       | SOT407-3            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465616557 | MCXA356VLL            | MCXA356VLL   | MCXA20 100LQFP      | (L)QFP100       | SOT407-3            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465647557 | MCXA355VLH            | MCXA355VLH   | MCXA20 64LQFP       | (L)QFP64        | SOT1699-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465655557 | MCXA356VLH            | MCXA356VLH   | MCXA20 64LQFP       | (L)QFP64        | SOT1699-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465751557 | MCXA356VPN            | MCXA356VPN   | MCXA20 1698GA       | (W)FPGA169M     | SOT2265-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465794557 | MCXA355VPN            | MCXA355VPN   | MCXA20 1698GA       | (W)FPGA169M     | SOT2265-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465583557 | MCXA365VLQ            | MCXA365VLQ   | MCXA20 144LQFP      | (L)QFP144       | SOT486-2            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465584557 | MCXA366VLQ            | MCXA366VLQ   | MCXA20 144LQFP      | (L)QFP144       | SOT486-2            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465602557 | MCXA365VLL            | MCXA365VLL   | MCXA20 100LQFP      | (L)QFP100       | SOT407-3            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465611557 | MCXA366VLL            | MCXA366VLL   | MCXA20 100LQFP      | (L)QFP100       | SOT407-3            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465649557 | MCXA365VLH            | MCXA365VLH   | MCXA20 64LQFP       | (L)QFP64        | SOT1699-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465657557 | MCXA366VLH            | MCXA366VLH   | MCXA20 64LQFP       | (L)QFP64        | SOT1699-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465754557 | MCXA366VPN            | MCXA366VPN   | MCXA20 1698GA       | (W)FPGA169M     | SOT2265-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465795557 | MCXA365VPN            | MCXA365VPN   | MCXA20 1698GA       | (W)FPGA169M     | SOT2265-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935464912557 | MCXA175VLQ            | MCXA175VLQ   | MCXA20 144LQFP      | (L)QFP144       | SOT486-2            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935464914557 | MCXA175VLL            | MCXA175VLL   | MCXA20 100LQFP      | (L)QFP100       | SOT407-3            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935464916557 | MCXA175VLH            | MCXA175VLH   | MCXA20 64LQFP       | (L)QFP64        | SOT1699-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465051557 | MCXA175VPN            | MCXA175VPN   | MCXA20 1698GA       | (W)FPGA169M     | SOT2265-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935464911557 | MCXA176VLQ            | MCXA176VLQ   | MCXA20 144LQFP      | (L)QFP144       | SOT486-2            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935464913557 | MCXA176VLL            | MCXA176VLL   | MCXA20 100LQFP      | (L)QFP100       | SOT407-3            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935464915557 | MCXA176VLH            | MCXA176VLH   | MCXA20 64LQFP       | (L)QFP64        | SOT1699-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465049557 | MCXA176VPN            | MCXA176VPN   | MCXA20 1698GA       | (W)FPGA169M     | SOT2265-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465577557 | MCXA185VLQ            | MCXA185VLQ   | MCXA20 144LQFP      | (L)QFP144       | SOT486-2            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465595557 | MCXA185VLL            | MCXA185VLL   | MCXA20 100LQFP      | (L)QFP100       | SOT407-3            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465654557 | MCXA185VLH            | MCXA185VLH   | MCXA20 64LQFP       | (L)QFP64        | SOT1699-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465797557 | MCXA185VPN            | MCXA185VPN   | MCXA20 1698GA       | (W)FPGA169M     | SOT2265-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465582557 | MCXA186VLQ            | MCXA186VLQ   | MCXA20 144LQFP      | (L)QFP144       | SOT486-2            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465596557 | MCXA186VLL            | MCXA186VLL   | MCXA20 100LQFP      | (L)QFP100       | SOT407-3            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465651557 | MCXA186VLH            | MCXA186VLH   | MCXA20 64LQFP       | (L)QFP64        | SOT1699-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465796557 | MCXA186VPN            | MCXA186VPN   | MCXA20 1698GA       | (W)FPGA169M     | SOT2265-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935464603557 | MCXA255VLQ            | MCXA255VLQ   | MCXA20 144LQFP      | (L)QFP144       | SOT486-2            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935464619557 | MCXA255VLL            | MCXA255VLL   | MCXA20 100LQFP      | (L)QFP100       | SOT407-3            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935464626557 | MCXA255VLH            | MCXA255VLH   | MCXA20 64LQFP       | (L)QFP64        | SOT1699-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465057557 | MCXA255VPN            | MCXA255VPN   | MCXA20 1698GA       | (W)FPGA169M     | SOT2265-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935464602557 | MCXA256VLQ            | MCXA256VLQ   | MCXA20 144LQFP      | (L)QFP144       | SOT486-2            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935464618557 | MCXA256VLL            | MCXA256VLL   | MCXA20 100LQFP      | (L)QFP100       | SOT407-3            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935464625557 | MCXA256VLH            | MCXA256VLH   | MCXA20 64LQFP       | (L)QFP64        | SOT1699-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465056557 | MCXA256VPN            | MCXA256VPN   | MCXA20 1698GA       | (W)FPGA169M     | SOT2265-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465953557 | MCXA265VLQ            | MCXA265VLQ   | MCXA20 144LQFP      | (L)QFP144       | SOT486-2            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465957557 | MCXA265VLL            | MCXA265VLL   | MCXA20 100LQFP      | (L)QFP100       | SOT407-3            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465959557 | MCXA265VLH            | MCXA265VLH   | MCXA20 64LQFP       | (L)QFP64        | SOT1699-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465968557 | MCXA265VPN            | MCXA265VPN   | MCXA20 1698GA       | (W)FPGA169M     | SOT2265-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465908557 | MCXA266VLQ            | MCXA266VLQ   | MCXA20 144LQFP      | (L)QFP144       | SOT486-2            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465954557 | MCXA266VLL            | MCXA266VLL   | MCXA20 100LQFP      | (L)QFP100       | SOT407-3            | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465958557 | MCXA266VLH            | MCXA266VLH   | MCXA20 64LQFP       | (L)QFP64        | SOT1699-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |
| 935465967557 | MCXA266VPN            | MCXA266VPN   | MCXA20 1698GA       | (W)FPGA169M     | SOT2265-1           | RFS            | No                          |          |                           |                  |                         | BLM1         |       |     |          | C (Non Automotive) |