



Product Change Notification / CAAN-110QXS344

Date:

19-Apr-2024

Product Category:

General Purpose Fpgas, System On Chip Fpgas

PCN Type:

Manufacturing Change

Notification Subject:

TRB 6434 Final Notice: Implement firmware update and step marking changes for selected MPF050xx, MPF100xx, MPF200xx, MPF300xx, MPF500xx, MPFS02xx, MPFS09xx, MPFS16xx and MPFS25xx device families available in various packages.

Affected CPNs:

[CAAN-110QXS344_Affected_CPN_04192024.pdf](#)

[CAAN-110QXS344_Affected_CPN_04192024.csv](#)

Notification Text:

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:Implement firmware update and step marking changes for selected MPF050xx, MPF100xx, MPF200xx, MPF300xx, MPF500xx, MPFS02xx, MPFS09xx, MPFS16xx and MPFS25xx device families available in various packages. [Refer to the PDF found in the Attachments section for data sheet change detail.](#)

Pre and Post Change Summary:

	Pre Change	Post Change
Zeroization Algorithm Enhancement	Refer to Data sheet change detail	
User Voltage Detector Configuration Improvement		
Step Marking Changes	See Pre and Post Change Summary	

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve productivity by updating the firmware for zeroization time and implement step marking changes for FPGA devices.

Change Implementation Status:In Progress

Estimated First Ship Date:May 24, 2024 (date code: 2421)

Note: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Time Table Summary:

	April 2024					May 2024			
Workweek	14	15	16	17	18	19	20	21	22
Final PCN Issue Date			x						
Estimated Implementation Date								x	

Method to Identify Change:Step Marking

Qualification Report:Not Applicable

Revision History:April 19, 2024: Issued final notification.

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

Attachments:

[CN_Data Sheet Change Detail.pdf](#)

[PCN CAAN-110QX344_Pre and Post Change_Summary.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

MPF050T-1FCSG325E
MPF050T-1FCSG325I
MPF050T-1FCSG325T2
MPF050T-1FCVG484E
MPF050T-1FCVG484I
MPF050T-1FCVG484T2
MPF050T-FCSG325E
MPF050T-FCSG325I
MPF050T-FCSG325T2
MPF050T-FCVG484E
MPF050T-FCVG484I
MPF050T-FCVG484T2
MPF050TL-FCSG325E
MPF050TL-FCSG325I
MPF050TL-FCVG484E
MPF050TL-FCVG484I
MPF050TLS-FCSG325I
MPF050TLS-FCVG484I
MPF050TS-1FCSG325I
MPF050TS-1FCVG484I
MPF050TS-FCSG325I
MPF050TS-FCVG484I
MPF100T-1FCG484E
MPF100T-1FCG484I
MPF100T-1FCG484T2
MPF100T-1FCSG325E
MPF100T-1FCSG325EX561
MPF100T-1FCSG325I
MPF100T-1FCSG325T2
MPF100T-1FCVG484E
MPF100T-1FCVG484I
MPF100T-1FCVG484T2
MPF100T-FCG484E
MPF100T-FCG484I
MPF100T-FCG484T2
MPF100T-FCSG325E
MPF100T-FCSG325EX560
MPF100T-FCSG325I
MPF100T-FCSG325T2
MPF100T-FCVG484E
MPF100T-FCVG484I
MPF100T-FCVG484T2
MPF100TL-FCG484E
MPF100TL-FCG484I
MPF100TL-FCSG325E
MPF100TL-FCSG325EQ347

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MPF100TL-FCSG325I

MPF100TL-FCVG484E

MPF100TL-FCVG484I

MPF100TLS-FCG484I

MPF100TLS-FCSG325I

MPF100TLS-FCVG484I

MPF100TS-1FCG484I

MPF100TS-1FCSG325I

MPF100TS-1FCVG484I

MPF100TS-FCG484I

MPF100TS-FCSG325I

MPF100TS-FCVG484I

MPF100TS-WAFER

MPF100TS-WAFER-PROCESSED

MPF200T-1FCG484E

MPF200T-1FCG484I

MPF200T-1FCG484T2

MPF200T-1FCG784E

MPF200T-1FCG784I

MPF200T-1FCSG325E

MPF200T-1FCSG325I

MPF200T-1FCSG325T2

MPF200T-1FCSG536E

MPF200T-1FCSG536I

MPF200T-1FCSG536T2

MPF200T-1FCVG484E

MPF200T-1FCVG484ES0302

MPF200T-1FCVG484I

MPF200T-1FCVG484T2

MPF200T-FCG484E

MPF200T-FCG484ES0304

MPF200T-FCG484ES0305

MPF200T-FCG484ES0306

MPF200T-FCG484EZ330

MPF200T-FCG484I

MPF200T-FCG484T2

MPF200T-FCG784E

MPF200T-FCG784ES0039

MPF200T-FCG784ES0301

MPF200T-FCG784ES0312

MPF200T-FCG784I

MPF200T-FCG784IS0303

MPF200T-FCG784IS0313

MPF200T-FCG784IS0325

MPF200T-FCG784IS0326

MPF200T-FCG784IS0332

MPF200T-FCG784IS0333

MPF200T-FCSG325E

MPF200T-FCSG325I

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MPF200T-FCSG325I2

MPF200T-FCSG536E

MPF200T-FCSG536I

MPF200T-FCSG536T2

MPF200T-FCVG484E

MPF200T-FCVG484ES0010

MPF200T-FCVG484ES0307

MPF200T-FCVG484ES0308

MPF200T-FCVG484ES0309

MPF200T-FCVG484ES0314

MPF200T-FCVG484ES0318

MPF200T-FCVG484ES0319

MPF200T-FCVG484ES0320

MPF200T-FCVG484ES0327

MPF200T-FCVG484ES0328

MPF200T-FCVG484ES0329

MPF200T-FCVG484ES0330

MPF200T-FCVG484I

MPF200T-FCVG484IS0315

MPF200T-FCVG484IS0316

MPF200T-FCVG484IS0321

MPF200T-FCVG484T2

MPF200TL-FCG484E

MPF200TL-FCG484I

MPF200TL-FCG784E

MPF200TL-FCG784I

MPF200TL-FCSG325E

MPF200TL-FCSG325I

MPF200TL-FCSG536E

MPF200TL-FCSG536I

MPF200TL-FCVG484E

MPF200TL-FCVG484I

MPF200TLS-FCG484I

MPF200TLS-FCG784I

MPF200TLS-FCSG325I

MPF200TLS-FCSG536I

MPF200TLS-FCVG484I

MPF200TS-1FCG484I

MPF200TS-1FCG784I

MPF200TS-1FCSG325I

MPF200TS-1FCSG536I

MPF200TS-1FCSG536IQ302

MPF200TS-1FCVG484I

MPF200TS-FCG484I

MPF200TS-FCG784I

MPF200TS-FCS325M

MPF200TS-FCSG325I

MPF200TS-FCSG536I

MPF200TS-FCVG484I

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~~MPF200TS-WAFER~~

MPF300T-1FCG1152E

MPF300T-1FCG1152EX3

MPF300T-1FCG1152I

MPF300T-1FCG1152IX45

MPF300T-1FCG484E

MPF300T-1FCG484I

MPF300T-1FCG484IS0322

MPF300T-1FCG484IX548

MPF300T-1FCG784E

MPF300T-1FCG784I

MPF300T-1FCG784NE

MPF300T-1FCG784NI

MPF300T-1FCSG536E

MPF300T-1FCSG536I

MPF300T-1FCSG536T2

MPF300T-1FCVG484E

MPF300T-1FCVG484I

MPF300T-1FCVG484T2

MPF300T-FCG1152E

MPF300T-FCG1152ES0311

MPF300T-FCG1152ES0324

MPF300T-FCG1152I

MPF300T-FCG484E

MPF300T-FCG484EX52

MPF300T-FCG484I

MPF300T-FCG484X547

MPF300T-FCG784E

MPF300T-FCG784ES0317

MPF300T-FCG784ES0323

MPF300T-FCG784I

MPF300T-FCG784NE

MPF300T-FCG784NI

MPF300T-FCSG536E

MPF300T-FCSG536I

MPF300T-FCSG536T2

MPF300T-FCVG484E

MPF300T-FCVG484ES0331

MPF300T-FCVG484EX548

MPF300T-FCVG484I

MPF300T-FCVG484T2

MPF300TL-FCG1152E

MPF300TL-FCG1152I

MPF300TL-FCG484E

MPF300TL-FCG484I

MPF300TL-FCG784E

MPF300TL-FCG784I

MPF300TL-FCSG536E

MPF300TL-FCSG536I

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~~MPF300TL-FCVG484E~~

MPF300TL-FCVG484I

MPF300TLS-FCG1152I

MPF300TLS-FCG484I

MPF300TLS-FCG784I

MPF300TLS-FCSG536I

MPF300TLS-FCVG484I

MPF300TS-1FCG1152I

MPF300TS-1FCG484I

MPF300TS-1FCG784I

MPF300TS-1FCG784NI

MPF300TS-1FCSG536I

MPF300TS-1FCVG484I

MPF300TS-FC484M

MPF300TS-FC784M

MPF300TS-FCG1152I

MPF300TS-FCG484I

MPF300TS-FCG784I

MPF300TS-FCG784NI

MPF300TS-FCS536M

MPF300TS-FCSG536I

MPF300TS-FCV484M

MPF300TS-FCVG484I

MPF300TS-WAFER

MPF500T-1FCG1152E

MPF500T-1FCG1152I

MPF500T-1FCG1152IX533

MPF500T-1FCG784E

MPF500T-1FCG784I

MPF500T-FCG1152E

MPF500T-FCG1152I

MPF500T-FCG784E

MPF500T-FCG784I

MPF500TL-FCG1152E

MPF500TL-FCG1152I

MPF500TL-FCG784E

MPF500TL-FCG784I

MPF500TLS-FCG1152I

MPF500TLS-FCG784I

MPF500TS-1FCG1152I

MPF500TS-1FCG784I

MPF500TS-FC1152M

MPF500TS-FC1152MX167

MPF500TS-FC1152MX3

MPF500TS-FC784M

MPF500TS-FC784MX512

MPF500TS-FCG1152I

MPF500TS-FCG784I

MPF500TS-WAFER

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MPFS025T-1FCSG325E

MPFS025T-1FCSG325I

MPFS025T-1FCVG484E

MPFS025T-1FCVG484I

MPFS025T-FCSG325E

MPFS025T-FCSG325I

MPFS025T-FCVG484E

MPFS025T-FCVG484I

MPFS025TL-FCSG325E

MPFS025TL-FCSG325I

MPFS025TL-FCVG484E

MPFS025TL-FCVG484I

MPFS025TLS-FCSG325I

MPFS025TLS-FCVG484I

MPFS025TS-1FCSG325I

MPFS025TS-1FCVG484I

MPFS025TS-FCSG325I

MPFS025TS-FCVG484I

MPFS095T-1FCSG325E

MPFS095T-1FCSG325I

MPFS095T-1FCSG536E

MPFS095T-1FCSG536I

MPFS095T-1FCVG484E

MPFS095T-1FCVG484I

MPFS095T-1FCVG784E

MPFS095T-1FCVG784I

MPFS095T-FCSG325E

MPFS095T-FCSG325I

MPFS095T-FCSG536E

MPFS095T-FCSG536I

MPFS095T-FCVG484E

MPFS095T-FCVG484I

MPFS095T-FCVG784E

MPFS095T-FCVG784I

MPFS095TL-FCSG325E

MPFS095TL-FCSG325I

MPFS095TL-FCSG536E

MPFS095TL-FCSG536I

MPFS095TL-FCVG484E

MPFS095TL-FCVG484I

MPFS095TL-FCVG784E

MPFS095TL-FCVG784I

MPFS095TLS-FCSG325I

MPFS095TLS-FCSG536I

MPFS095TLS-FCVG484I

MPFS095TLS-FCVG784I

MPFS095TS-1FCSG325I

MPFS095TS-1FCSG536I

MPFS095TS-1FCVG484I

CAAN-110QXSX344 - TRB 6434 Final Notice: Implement firmware update and step marking changes for selected MPF050xx, MPF100xx, MPF200xx, MPF300xx, MPF500xx, MPFS02xx, MPFS09xx, MPFS16xx and MPFS25xx device families available in various packages.

MPFS095TS-1FCVG784I

MPFS095TS-FCS325M

MPFS095TS-FCSG325I

MPFS095TS-FCSG536I

MPFS095TS-FCVG484I

MPFS095TS-FCVG784I

MPFS160T-1FCSG536E

MPFS160T-1FCSG536I

MPFS160T-1FCVG484E

MPFS160T-1FCVG484I

MPFS160T-1FCVG784E

MPFS160T-1FCVG784I

MPFS160T-FCSG536E

MPFS160T-FCSG536I

MPFS160T-FCVG484E

MPFS160T-FCVG484I

MPFS160T-FCVG784E

MPFS160T-FCVG784I

MPFS160TL-FCSG536E

MPFS160TL-FCSG536I

MPFS160TL-FCVG484E

MPFS160TL-FCVG484I

MPFS160TL-FCVG784E

MPFS160TL-FCVG784I

MPFS160TLS-FCSG536I

MPFS160TLS-FCVG484I

MPFS160TLS-FCVG784I

MPFS160TS-1FCSG536I

MPFS160TS-1FCVG484I

MPFS160TS-1FCVG784I

MPFS160TS-FCSG536I

MPFS160TS-FCVG484I

MPFS160TS-FCVG784I

MPFS250T-1FCG1152E

MPFS250T-1FCG1152EPP

MPFS250T-1FCG1152I

MPFS250T-1FCG1152IPP

MPFS250T-1FCG1152IX259

MPFS250T-1FCSG536E

MPFS250T-1FCSG536I

MPFS250T-1FCSG536T2

MPFS250T-1FCVG484E

MPFS250T-1FCVG484EPP

MPFS250T-1FCVG484I

MPFS250T-1FCVG484IPP

MPFS250T-1FCVG484T2

MPFS250T-1FCVG784E

MPFS250T-1FCVG784I

MPFS250T-1FCVG784T2

CAAN-11OQ SX344 - TRB 6434 Final Notice: Implement firmware update and step marking changes for selected MPF050xx, MPF100xx, MPF200xx, MPF300xx, MPF500xx, MPFS02xx, MPFS09xx, MPFS16xx and MPFS25xx device families available in various packages.

MPFS250T-FCG1152E

MPFS250T-FCG1152EPP

MPFS250T-FCG1152I

MPFS250T-FCG1152IPP

MPFS250T-FCSG536E

MPFS250T-FCSG536I

MPFS250T-FCSG536IPP

MPFS250T-FCSG536T2

MPFS250T-FCVG484E

MPFS250T-FCVG484EPP

MPFS250T-FCVG484I

MPFS250T-FCVG484IPP

MPFS250T-FCVG484T2

MPFS250T-FCVG784E

MPFS250T-FCVG784I

MPFS250T-FCVG784T2

MPFS250TL-FCG1152E

MPFS250TL-FCG1152I

MPFS250TL-FCSG536E

MPFS250TL-FCSG536I

MPFS250TL-FCVG484E

MPFS250TL-FCVG484I

MPFS250TL-FCVG784E

MPFS250TL-FCVG784I

MPFS250TLS-FCG1152I

MPFS250TLS-FCSG536I

MPFS250TLS-FCVG484I

MPFS250TLS-FCVG784I

MPFS250TS-1FCG1152I

MPFS250TS-1FCG1152IPP

MPFS250TS-1FCSG536I

MPFS250TS-1FCVG484I

MPFS250TS-1FCVG784I

MPFS250TS-FC1152M

MPFS250TS-FCG1152I

MPFS250TS-FCS536M

MPFS250TS-FCSG536I

MPFS250TS-FCV484M

MPFS250TS-FCV784M

MPFS250TS-FCVG484I

MPFS250TS-FCVG784I