



Product Change Notification: DSNO-10YXV0948

Date:

14-Mar-2025

Product Category:

General Purpose LED Drivers, Linear Regulators, Low-Med Voltage Power Modules, Power Management - PMIC, Power Management - Power Switches, Power Management - System Supervisors/Voltage Detectors, Power Management - Terminators, Switching Regulators

Notification Subject:

CCB 7364.003 Initial Notice: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as a new fabrication location for selected MIC18xx, MIC20xx, MIC23xx, MIC27xx, MIC28xx, MIC33xx, MIC47xx, MIC51xx, MIC53xx, MIC63xx, MIC80xx, MIC81xx, MIC82xx and MIC94xx device families available in various packages.

Affected CPNs:

[DSNO-10YXV0948_Affected_CPN_03142025.pdf](#)
[DSNO-10YXV0948_Affected_CPN_03142025.csv](#)

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 Microchip Technology Colorado – Fab 5 (MCSO) as a new fabrication location for selected MIC18xx, MIC20xx, MIC23xx, MIC27xx, MIC28xx, MIC33xx, MIC47xx, MIC51xx, MIC53xx, MIC63xx, MIC80xx, MIC81xx, MIC82xx and MIC94xx device families available in various packages.

Pre and Post Summary Changes:

	Pre Change	Post Change
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Fabrication Site	Microchip Technology Tempe – Fab 2 (TMGR)	Microchip Technology Colorado (MCSO)
Wafer Size	8"	8"

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve manufacturability and on time delivery performance by qualifying a new fabrication location (MCSO - FAB 5), which is a Microchip-owned facility that offers significant expansion potential to better meet future client demand. *Note: The attached file called Tempe_Fab2_IATF_Decertification is for the manufacturing site deactivation of Microchip Technology Tempe – Fab 2 (TMGR), contact your local Microchip sales office for inquiries.

Change Implementation Status: In Progress

Estimated Qualification Completion Date: September 2025

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.

Timetable Summary:

	March 2025					>	September 2025				
Work Week	10	11	12	13	14		36	37	38	39	40
Initial PCN Issue Date		X									
Qual Report Availability									X		
Final PCN Issue Date									X		

Method to Identify Change: Traceability Code

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

Revision History: March 14, 2025: Issued initial notification.

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

Attachments:

Tempe_Fab2_IATF_Decertification.pdf
PCN_DSNO-10YXVO948_Qualification Plan.pdf

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

Terms and Conditions:

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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.

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Affected Catalog Part Numbers (CPN)

MIC1810-10UY-TR
MIC1810-15UY-TR
MIC1810-5UY-TR
MIC1815-10UY-TR
MIC1815-20UY-TR
MIC2003-0.5YM5-TR
MIC2003-0.5YML-TR
MIC2003-0.8YM5-TR
MIC2003-0.8YML-TR
MIC2003-1.2YM5-TR
MIC2003-1.2YML-TR
MIC2004-0.5YM5-TR
MIC2004-0.5YML-TR
MIC2004-0.8YM5-TR
MIC2004-0.8YML-TR
MIC2004-1.2YM5-TR
MIC2004-1.2YML-TR
MIC2005-0.5LYM5-TR
MIC2005-0.5YM6-TR
MIC2005-0.5YML-TR
MIC2005-0.8LYM5-TR
MIC2005-0.8YM6-TR
MIC2005-0.8YML-TR
MIC2005-1.2LYM5-TR
MIC2005-1.2YM6-TR
MIC2005-1.2YML-TR
MIC2005A-1YM5-TR

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MIC2005A-1YM6-TR

MIC2005A-2YM5-TR

MIC2005A-2YM6-TR

MIC2007YM6-TR

MIC2007YML-TR

MIC2008YM6-TR

MIC2008YML-TR

MIC2009A-1YM6-TR

MIC2009A-2YM6-TR

MIC2009YM6-TR

MIC2009YML-TR

MIC2013-0.5YM5-TR

MIC2013-0.5YML-TR

MIC2013-0.8YM5-TR

MIC2013-0.8YML-TR

MIC2013-1.2YM5-TR

MIC2013-1.2YML-TR

MIC2014-0.5YM5-TR

MIC2014-0.5YML-TR

MIC2014-0.8YM5-TR

MIC2014-0.8YML-TR

MIC2014-1.2YM5-TR

MIC2014-1.2YML-TR

MIC2015-0.5YM6-TR

MIC2015-0.5YML-TR

MIC2015-0.8YM6-TR

MIC2015-0.8YML-TR

MIC2015-1.2YM6-TR

MIC2015-1.2YML-TR

MIC2017YM6-TR

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MIC2017YML-TR

MIC2018YM6-TR

MIC2018YML-TR

MIC2019A-1YM6-TR

MIC2019A-2YM6-TR

MIC2019YM6-TR

MIC2019YML-TR

MIC2090-1YM5-TR

MIC2090-2YM5-TR

MIC2091-1YM5-TR

MIC2091-2YM5-TR

MIC2095-1YMT-TR

MIC2095-2YMT-TR

MIC2097-1YMT-TR

MIC2097-2YMT-TR

MIC2098-1YMT-TR

MIC2098-2YMT-TR

MIC2099-1YMT-TR

MIC2099-2YMT-TR

MIC2207YML-TR

MIC22200YML-TR

MIC22205YML-TR

MIC2285AYMT-TR

MIC22950YML-TR

MIC23030-4YMT-TR

MIC23030-AYMT-TR

MIC23030-CYMT-TR

MIC23030-FYMT-TR

MIC23030-GYMT-TR

MIC23031-4YMT-TR

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MIC23031-AYMT-TR

MIC23031-CYMT-TR

MIC23031-FYMT-TR

MIC23031-GYMT-TR

MIC23050-4YML-TR

MIC23050-CYML-TR

MIC23050-GYML-TR

MIC23050-SYML-TR

MIC23051-16YML-TR

MIC23051-945YML-TR

MIC23051-C4YML-TR

MIC23051-CGYML-TR

MIC23150-4YMT-TR

MIC23150-55YMT-TR

MIC23150-CYMT-TR

MIC23150-GYMT-TR

MIC23150-SYMT-TR

MIC23153-GYMT-TR

MIC23153YMT-TR

MIC23155-GYMT-TR

MIC23155YMT-TR

MIC23158YML-T5

MIC23158YML-TR

MIC23159YML-T5

MIC23159YML-TR

MIC23201YML-T5

MIC23201YML-TR

MIC23250-AAYMT-TR

MIC23250-F4YMT-TR

MIC23250-G4YMT-TR

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MIC23250-M4YMT-TR

MIC23250-S4YMT-TR

MIC23250-SKYMT-TR

MIC23250-W4YMT-TR

MIC23254-GCYMT-TR

MIC23303YML-T5

MIC23303YML-TR

MIC23450-AAAYML-T5

MIC23450-AAAYML-TR

MIC23451-AAAYFL-T5

MIC23451-AAAYFL-TR

MIC2555-0YML-TR

MIC2555-1YML-TR

MIC2569YQS

MIC2569YQS-TR

MIC2772-L2L3YML-TR

MIC2772-L3L3YML-TR

MIC2772-L3T3YML-TR

MIC2772-M2M3YML-TR

MIC2772-M3M3YML-TR

MIC2772-M3S3YML-TR

MIC2772-S2S3YML-TR

MIC2772-S3S3YML-TR

MIC2772-T2T3YML-TR

MIC2772-T3T3YML-TR

MIC2800-G1JJYML-TR

MIC2800-G1JJYML-TR1

MIC2800-G1JSYML-TR

MIC2800-G2SYML-TR

MIC2800-G4JYML-TR

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MIC2800-G4SYML-TR

MIC2800-G8SYML-TR

MIC2810-1J6JYML-TR

MIC2810-1J6SYML-TR

MIC2810-4LSYML-TR

MIC2810-4MSYML-TR

MIC2860-2DYC6-TR

MIC2860-2DYD6-TR

MIC2860-2PYC6-TR

MIC2860-2PYD6-TR

MIC33030-4YHJ-TR

MIC33030-AYHJ-TR

MIC33030-GYHJ-T5

MIC33030-GYHJ-TR

MIC33030-JYHJ-TR

MIC33050-4YHL-TR

MIC33050-AYHL-T5

MIC33050-AYHL-TR

MIC33050-CYHL-TR

MIC33050-GYHL-TR

MIC33050-SYHL-TR

MIC33153-4YHJ-TR

MIC33153-SYHJ-TR

MIC33153YHJ-TR

MIC3385-1.5YHL-TR

MIC3385YHL-TR

MIC47050-1.2CYW-8

MIC47050-1.2YML-TR

MIC47050-1.8YML-TR

MIC47050YML-TR

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MIC47050YMT-TR

MIC47053YMT-T5

MIC47053YMT-TR

MIC47100-0.8YML-TR

MIC47100-08YMME

MIC47100-08YMME-TR

MIC47100-1.0YML-TR

MIC47100-1.2CYW

MIC47100-1.2YML-TR

MIC47100-10YMME

MIC47100-10YMME-TR

MIC47100-12YMME

MIC47100-12YMME-TR

MIC47100YML-TR

MIC47100YMME

MIC47100YMME-TR

MIC4720YML-TR

MIC4720YMME

MIC4720YMME-TR

MIC4721YMM

MIC4721YMM-TR

MIC4723YML-TR

MIC4723YMME

MIC4723YMME-TR

MIC5166YML-TR

MIC5301-1.8YD5-TR

MIC5301-1.8YMT-TR

MIC5301-2.5YD5-TR

MIC5301-2.5YMT-TR

MIC5301-3.3YD5-TR

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MIC5301-3.3YMT-TR

MIC5301YD5-TR

MIC5301YML-TR

MIC5301YMT-TR

MIC5302-1.8YMT-TR

MIC5302-2.1YMT-TR

MIC5302-2.5YMT-TR

MIC5302-2.8YMT-TR

MIC5302-3.3YMT-TR

MIC5303-1.8YMT-TR

MIC5303-2.5YMT-TR

MIC5303-2.8YMT-TR

MIC5303-3.3YMT-TR

MIC5304-RGYMT-TR

MIC5304-XDYMT-TR

MIC5304-XGHYMT-TR

MIC5305-1.5YD5-TR

MIC5305-1.5YD5-TX

MIC5305-1.5YML-TR

MIC5305-1.8YD5-TR

MIC5305-1.8YD5-TX

MIC5305-1.8YML-TR

MIC5305-2.0YML-TR

MIC5305-2.5YD5-TR

MIC5305-2.5YD5-TX

MIC5305-2.5YML-TR

MIC5305-2.6YD5-TR

MIC5305-2.6YD5-TX

MIC5305-2.6YML-TR

MIC5305-2.7YD5-TR

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MIC5305-2.7YD5-TX

MIC5305-2.7YML-TR

MIC5305-2.85YD5-TR

MIC5305-2.85YD5-TX

MIC5305-2.85YML-TR

MIC5305-2.8YD5-TR

MIC5305-2.8YD5-TX

MIC5305-2.8YML-TR

MIC5305-2.8YMT-TR

MIC5305-2.9YD5-TR

MIC5305-2.9YD5-TX

MIC5305-2.9YML-TR

MIC5305-3.0YD5-TR

MIC5305-3.0YD5-TX

MIC5305-3.0YML-TR

MIC5305-3.3YD5-TR

MIC5305-3.3YD5-TX

MIC5305-3.3YML-TR

MIC5305-4.6YML-TR

MIC5305-4.6YMT-TR

MIC5305-4.75YD5-TR

MIC5305-4.75YD5-TX

MIC5305-4.75YML-TR

MIC5305YML-TR

MIC5306-1.5YD5-TR

MIC5306-1.8YD5-TR

MIC5306-2.5YD5-TR

MIC5306-2.6YD5-TR

MIC5306-2.8YD5-TR

MIC5306-3.0YD5-TR

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MIC5306-3.1YD5-TR

MIC5307-1.5YD5-TR

MIC5307-1.8YD5-TR

MIC5307-2.8YD5-TR

MIC5307-3.0YD5-TR

MIC5308-1.2YD6-TR

MIC5308-1.2YMT-TR

MIC5308-1.5YD6-TR

MIC5308-1.5YMT-TR

MIC5308-1.8YD6-TR

MIC5308-1.8YMT-TR

MIC5308YD6-TR

MIC5308YMT-TR

MIC5309-1.2YD6-TR

MIC5309-1.2YMT-TR

MIC5309-1.5YD6-TR

MIC5309-1.5YMT-TR

MIC5309-1.8YD6-TR

MIC5309-1.8YMT-TR

MIC5309YD6-TR

MIC5309YMT-TR

MIC5310-GFYML-TR

MIC5310-GGYML-TR

MIC5310-GWYML-TR

MIC5310-JGYML-TR

MIC5310-JJYML-TR

MIC5310-KDYML-TR

MIC5310-KGYML-TR

MIC5310-LLYML-TR

MIC5310-MFYML-TR

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MIC5310-MGYML-TR

MIC5310-MKYML-TR

MIC5310-MMYML-TR

MIC5310-NDYML-TR

MIC5310-NKYML-TR

MIC5310-NNYML-TR

MIC5310-OFYML-TR

MIC5310-OGYML-TR

MIC5310-OOYML-TR

MIC5310-PGYML-TR

MIC5310-PJYML-TR

MIC5310-PKYML-TR

MIC5310-PMYML-TR

MIC5310-PNYML-TR

MIC5310-PPYML-TR

MIC5310-SFYML-TR

MIC5310-SGYML-TR

MIC5310-SJYML-TR

MIC5310-SKYML-TR

MIC5310-SMYML-TR

MIC5310-SNYML-TR

MIC5310-SOYML-TR

MIC5310-SPYML-TR

MIC5310-SRYML-TR

MIC5310-SSYML-TR

MIC5317-1.2YD5-TR

MIC5317-1.2YM5-TR

MIC5317-1.2YMT-TZ

MIC5317-1.5YD5-TR

MIC5317-1.5YM5-TR

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MIC5317-1.5YMT-TZ

MIC5317-1.8YD5-TR

MIC5317-1.8YM5-TR

MIC5317-1.8YMT-TZ

MIC5317-2.5YM5-TR

MIC5317-2.5YMT-TZ

MIC5317-2.8YM5-TR

MIC5317-2.8YMT-TR

MIC5317-2.8YMT-TZ

MIC5317-3.0YM5-TR

MIC5317-3.0YMT-TZ

MIC5317-3.3YD5-TR

MIC5317-3.3YM5-TR

MIC5317-3.3YMT-TR

MIC5317-3.3YMT-TZ

MIC5318-1.3YD5-TR

MIC5318-1.5YD5-TR

MIC5318-1.5YMT-TR

MIC5318-1.8YD5-TR

MIC5318-1.8YMT-TR

MIC5318-2.5YD5-TR

MIC5318-2.5YMT-TR

MIC5318-2.8YD5-TR

MIC5318-2.8YMT-TR

MIC5318-3.3YD5-TR

MIC5318-3.3YMT-TR

MIC5318YD5-TR

MIC5318YMT-TR

MIC5319-1.3HYD5-TR

MIC5319-1.3HYML-TR

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MIC5319-1.85YD5-TR

MIC5319-1.85YD5-TX

MIC5319-1.85YML-TR

MIC5319-1.8YD5-TR

MIC5319-1.8YD5-TX

MIC5319-1.8YML-TR

MIC5319-2.5YD5-TR

MIC5319-2.5YD5-TX

MIC5319-2.5YML-TR

MIC5319-2.6YD5-TR

MIC5319-2.6YD5-TX

MIC5319-2.6YML-TR

MIC5319-2.7YD5-TR

MIC5319-2.7YML-TR

MIC5319-2.85YML-TR

MIC5319-2.8YD5-TR

MIC5319-2.8YML-TR

MIC5319-2.9YML-TR

MIC5319-3.0YD5-TR

MIC5319-3.0YML-TR

MIC5319-3.3YD5-TR

MIC5319-3.3YML-TR

MIC5319-5.0YD5-TR

MIC5319-5.0YML-TR

MIC5319YML-TR

MIC5320-46MYMT-TR

MIC5320-GFYD6-TR

MIC5320-GFYMT-TR

MIC5320-GGYD6-TR

MIC5320-GGYMT-TR

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MIC5320-GWYMT-TR

MIC5320-H4FYD6-TR

MIC5320-H4FYMT-TR

MIC5320-JGYD6-TR

MIC5320-JGYML-TR

MIC5320-JGYMT-TR

MIC5320-JJYD6-TR

MIC5320-JJYMT-TR

MIC5320-KDYMT-TR

MIC5320-KGYD6-TR

MIC5320-KGYML-TR

MIC5320-KGYMT-TR

MIC5320-LLYD6-TR

MIC5320-LLYML-TR

MIC5320-LLYMT-TR

MIC5320-MFYD6-TR

MIC5320-MFYML-TR

MIC5320-MFYMT-TR

MIC5320-MGYD6-TR

MIC5320-MGYML-TR

MIC5320-MGYMT-TR

MIC5320-MKYD6-TR

MIC5320-MKYMT-TR

MIC5320-MMYD6-TR

MIC5320-MMYML-TR

MIC5320-MMYMT-TR

MIC5320-NDYMT-TR

MIC5320-NKYMT-TR

MIC5320-NNYD6-TR

MIC5320-NNYMT-TR

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MIC5320-OFYMT-TR

MIC5320-OGYMT-TR

MIC5320-OOYMT-TR

MIC5320-PGYD6-TR

MIC5320-PGYMT-TR

MIC5320-PJYML-TR

MIC5320-PJYMT-TR

MIC5320-PKYD6-TR

MIC5320-PKYML-TR

MIC5320-PKYMT-TR

MIC5320-PMYMT-TR

MIC5320-PNYMT-TR

MIC5320-PPYD6-TR

MIC5320-PPYML-TR

MIC5320-PPYMT-TR

MIC5320-SFYMT-TR

MIC5320-SGYD6-TR

MIC5320-SGYML-TR

MIC5320-SGYMT-TR

MIC5320-SJYD6-TR

MIC5320-SJYML-TR

MIC5320-SJYMT-TR

MIC5320-SKYMT-TR

MIC5320-SMYML-TR

MIC5320-SMYMT-TR

MIC5320-SNYMT-TR

MIC5320-SOYMT-TR

MIC5320-SPYD6-TR

MIC5320-SPYMT-TR

MIC5320-SRYMT-TR

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MIC5320-SSYD6-TR

MIC5320-SSYMT-TR

MIC5321-GFYD6-TR

MIC5321-GFYMT-TR

MIC5321-GGYD6-TR

MIC5321-GGYMT-TR

MIC5321-GWYMT-TR

MIC5321-JGYMT-TR

MIC5321-JJYMT-TR

MIC5321-KDYMT-TR

MIC5321-KGYMT-TR

MIC5321-LLYD6-TR

MIC5321-LLYMT-TR

MIC5321-MFYD6-TR

MIC5321-MFYML-TR

MIC5321-MFYMT-TR

MIC5321-MGYD6-TR

MIC5321-MGYML-TR

MIC5321-MGYMT-TR

MIC5321-MKYD6-TR

MIC5321-MKYMT-TR

MIC5321-MMYD6-TR

MIC5321-MMYML-TR

MIC5321-MMYMT-TR

MIC5321-NDYMT-TR

MIC5321-NKYMT-TR

MIC5321-NNYMT-TR

MIC5321-OFYMT-TR

MIC5321-OGYMT-TR

MIC5321-OOYMT-TR

Date: Tuesday, March 11, 2025

DSNO-10YXVO948 - CCB 7364.003 Initial Notice: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as a new fabrication location for selected MIC18xx, MIC20xx, MIC23xx, MIC27xx, MIC28xx, MIC33xx, MIC47xx, MIC51xx, MIC53xx, MIC63xx, MIC80xx, MIC81xx, MIC82xx and MIC94xx device families available in various packages.

MIC5321-PGYD6-TR

MIC5321-PGYMT-TR

MIC5321-PJYMT-TR

MIC5321-PKYMT-TR

MIC5321-PMYMT-TR

MIC5321-PNYMT-TR

MIC5321-PPYD6-TR

MIC5321-PPYML-TR

MIC5321-PPYMT-TR

MIC5321-SFYMT-TR

MIC5321-SGYMT-TR

MIC5321-SJYD6-TR

MIC5321-SJYMT-TR

MIC5321-SKYMT-TR

MIC5321-SMYMT-TR

MIC5321-SNYMT-TR

MIC5321-SOYMT-TR

MIC5321-SPYMT-TR

MIC5321-SRYMT-TR

MIC5321-SSYD6-TR

MIC5321-SSYMT-TR

MIC5322-MFYMT-TR

MIC5322-MGYMT-TR

MIC5322-NNYMT-TR

MIC5322-PMYMT-TR

MIC5322-PNYMT-TR

MIC5322-PPYMT-TR

MIC5323-1.8YD5-TR

MIC5323-1.8YMT-TR

MIC5323-2.8YD5-TR

Date: Tuesday, March 11, 2025

DSNO-10YXVO948 - CCB 7364.003 Initial Notice: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as a new fabrication location for selected MIC18xx, MIC20xx, MIC23xx, MIC27xx, MIC28xx, MIC33xx, MIC47xx, MIC51xx, MIC53xx, MIC63xx, MIC80xx, MIC81xx, MIC82xx and MIC94xx device families available in various packages.

MIC5323-2.8YMT-TR

MIC5323-3.3YD5-TR

MIC5323-3.3YMT-TR

MIC5323YMT-TR

MIC5325-1.2YMT-TR

MIC5325-1.5YMT-TR

MIC5325-1.8YMT-TR

MIC5325-3.6YMT-TR

MIC5327-1.8YMT-TR

MIC5327-2.8YMT-TR

MIC5330-GFYML-TR

MIC5330-GGYML-TR

MIC5330-GWYML-TR

MIC5330-JGYML-TR

MIC5330-JJYML-TR

MIC5330-KDYML-TR

MIC5330-KGYML-TR

MIC5330-LLYML-TR

MIC5330-MFYML-TR

MIC5330-MGYML-TR

MIC5330-MKYML-TR

MIC5330-MMYML-TR

MIC5330-NDYML-TR

MIC5330-NKYML-TR

MIC5330-NNYML-TR

MIC5330-OFYML-TR

MIC5330-OGYML-TR

MIC5330-OOYML-TR

MIC5330-PGYML-TR

MIC5330-PJYML-TR

Date: Tuesday, March 11, 2025

DSNO-10YXVO948 - CCB 7364.003 Initial Notice: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as a new fabrication location for selected MIC18xx, MIC20xx, MIC23xx, MIC27xx, MIC28xx, MIC33xx, MIC47xx, MIC51xx, MIC53xx, MIC63xx, MIC80xx, MIC81xx, MIC82xx and MIC94xx device families available in various packages.

MIC5330-PKYML-TR

MIC5330-PMYML-TR

MIC5330-PNYML-TR

MIC5330-PPYML-TR

MIC5330-SFYML-TR

MIC5330-SGYML-TR

MIC5330-SJYML-TR

MIC5330-SKYML-TR

MIC5330-SMYML-TR

MIC5330-SNYML-TR

MIC5330-SOYML-TR

MIC5330-SPYML-TR

MIC5330-SRYML-TR

MIC5330-SSYML-TR

MIC5331-G4YMT-TR

MIC5331-J4YMT-TR

MIC5331-MMYMT-TR

MIC5331-PMYMT-TR

MIC5332-G4YMT-TR

MIC5332-J4YMT-TR

MIC5332-PMYMT-TR

MIC5332-SSCYW-CBP

MIC5332-SSYMT-T5

MIC5332-SSYMT-TR

MIC5333-G4YMT-TR

MIC5333-J4YMT-TR

MIC5333-PMYMT-TR

MIC5335-GFYMT-TR

MIC5335-GGYMT-TR

MIC5335-GWYMT-TR

Date: Tuesday, March 11, 2025

DSNO-10YXVO948 - CCB 7364.003 Initial Notice: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as a new fabrication location for selected MIC18xx, MIC20xx, MIC23xx, MIC27xx, MIC28xx, MIC33xx, MIC47xx, MIC51xx, MIC53xx, MIC63xx, MIC80xx, MIC81xx, MIC82xx and MIC94xx device families available in various packages.

MIC5335-JGYMT-TR

MIC5335-JJYMT-TR

MIC5335-KDYMT-TR

MIC5335-KGYMT-TR

MIC5335-LLYMT-TR

MIC5335-MFYMT-TR

MIC5335-MGYMT-TR

MIC5335-MKYMT-TR

MIC5335-MMYMT-TR

MIC5335-NDYMT-TR

MIC5335-NKYMT-TR

MIC5335-NNYMT-TR

MIC5335-OFYMT-TR

MIC5335-OGYMT-TR

MIC5335-OOYMT-TR

MIC5335-PGYMT-TR

MIC5335-PJYMT-TR

MIC5335-PKYMT-TR

MIC5335-PMYMT-TR

MIC5335-PNYMT-TR

MIC5335-PPYMT-TR

MIC5335-SFYMT-TR

MIC5335-SGYMT-TR

MIC5335-SJYMT-TR

MIC5335-SKYMT-TR

MIC5335-SLYMT-TR

MIC5335-SMYMT-TR

MIC5335-SNYMT-TR

MIC5335-SOYMT-TR

MIC5335-SPYMT-TR

Date: Tuesday, March 11, 2025

DSNO-10YXVO948 - CCB 7364.003 Initial Notice: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as a new fabrication location for selected MIC18xx, MIC20xx, MIC23xx, MIC27xx, MIC28xx, MIC33xx, MIC47xx, MIC51xx, MIC53xx, MIC63xx, MIC80xx, MIC81xx, MIC82xx and MIC94xx device families available in various packages.

MIC5335-SRYMT-TR

MIC5335-SSYMT-TR

MIC5335-XXYMT-TR

MIC5337-1.8YMT-TR

MIC5337-2.8YMT-TR

MIC5338-MGYMT-TR

MIC5339-MGYMT-TR

MIC5350-MGYMT-TR

MIC5350-MMYMT-TR

MIC5350-PGYMT-TR

MIC5350-SGYMT-TR

MIC5350-SMYMT-TR

MIC5353-1.8CYW-CBP

MIC5353-1.8YMT-TR

MIC5353-2.5YMT-TR

MIC5353-2.6YMT-TR

MIC5353-2.8YMT-TR

MIC5353-3.0YMT-TR

MIC5353-3.3CYW-CBP

MIC5353-3.3YMT-TR

MIC5353YMT-TR

MIC5357-GFYMME

MIC5357-GFYMME-TR

MIC5357-MGYMME

MIC5357-MGYMME-TR

MIC5357-SGYMME

MIC5357-SGYMME-TR

MIC5357-SMYMME

MIC5357-SMYMME-TR

MIC5361-1.0YMT-TZ

Date: Tuesday, March 11, 2025

DSNO-10YXVO948 - CCB 7364.003 Initial Notice: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as a new fabrication location for selected MIC18xx, MIC20xx, MIC23xx, MIC27xx, MIC28xx, MIC33xx, MIC47xx, MIC51xx, MIC53xx, MIC63xx, MIC80xx, MIC81xx, MIC82xx and MIC94xx device families available in various packages.

MIC5361-1.2YMT-TZ

MIC5361-1.8YMT-TZ

MIC5361-2.5YMT-TZ

MIC5361-2.7YMT-TZ

MIC5361-3.3YMT-TZ

MIC5362-1.0YMT-TZ

MIC5362-1.8YMT-TZ

MIC5362-2.6YMT-TZ

MIC5362-2.7YMT-TZ

MIC5364-3.3YMT-TR

MIC5365-1.0YC5-TR

MIC5365-1.0YMT-TZ

MIC5365-1.2YC5-TR

MIC5365-1.2YD5-T5

MIC5365-1.2YD5-TR

MIC5365-1.2YMT-TZ

MIC5365-1.8YC5-TR

MIC5365-1.8YD5-T5

MIC5365-1.8YD5-TR

MIC5365-1.8YMT-TZ

MIC5365-2.5YC5-TR

MIC5365-2.5YMT-TZ

MIC5365-2.7YC5-TR

MIC5365-2.7YMT-TZ

MIC5365-2.85YC5-TR

MIC5365-2.85YD5-TR

MIC5365-3.0/WFXT-8

MIC5365-3.0CYW-8

MIC5365-3.0YC5-TR

MIC5365-3.0YD5-T5

Date: Tuesday, March 11, 2025

DSNO-10YXVO948 - CCB 7364.003 Initial Notice: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as a new fabrication location for selected MIC18xx, MIC20xx, MIC23xx, MIC27xx, MIC28xx, MIC33xx, MIC47xx, MIC51xx, MIC53xx, MIC63xx, MIC80xx, MIC81xx, MIC82xx and MIC94xx device families available in various packages.

MIC5365-3.0YD5-TR

MIC5365-3.0YMT-TZ

MIC5365-3.3YC5-TR

MIC5365-3.3YD5-T5

MIC5365-3.3YD5-TR

MIC5365-3.3YMT-TZ

MIC5366-1.0YC5-TR

MIC5366-1.0YMT-TZ

MIC5366-1.2YC5-TR

MIC5366-1.2YMT-TZ

MIC5366-1.5YC5-TR

MIC5366-1.5YMT-TZ

MIC5366-1.8YC5-TR

MIC5366-1.8YMT-TZ

MIC5366-2.0YC5-TR

MIC5366-2.0YMT-TZ

MIC5366-2.5YC5-TR

MIC5366-2.6YC5-TR

MIC5366-2.6YMT-TZ

MIC5366-2.7YC5-TR

MIC5366-2.7YMT-TZ

MIC5366-2.9YC5-TR

MIC5366-2.9YMT-TZ

MIC5367-1.2YMT-TR

MIC5367-3.3YMT-TR

MIC5368-1.2YMT-TR

MIC5368-1.5YMT-TR

MIC5371-G4YMT-TR

MIC5371-MFYMT-TR

MIC5371-MGYMT-TR

Date: Tuesday, March 11, 2025

DSNO-10YXVO948 - CCB 7364.003 Initial Notice: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as a new fabrication location for selected MIC18xx, MIC20xx, MIC23xx, MIC27xx, MIC28xx, MIC33xx, MIC47xx, MIC51xx, MIC53xx, MIC63xx, MIC80xx, MIC81xx, MIC82xx and MIC94xx device families available in various packages.

MIC5371-PPYMT-TR

MIC5376-2.8YC5-TR

MIC5377YC5-TR

MIC5377YMT-TR

MIC5381-G4YFT-TR

MIC5381-MGYFT-TR

MIC5385-SGFYMT-TR

MIC5387-GMGYMT-TR

MIC5387-GMMYMT-TR

MIC5387-SG4CYW-8MOT

MIC5387-SG4YMT-TR

MIC5387-SGFYMT-TR

MIC6315-26D2UY-TR

MIC6315-26D3UY-TR

MIC6315-26D4UY-TR

MIC6315-29D2UY-TR

MIC6315-29D3UY-TR

MIC6315-29D4UY-TR

MIC6315-30D2UY-TR

MIC6315-30D3UY-TR

MIC6315-30D4UY-TR

MIC6315-31D2UY-TR

MIC6315-31D3UY-TR

MIC6315-31D4UY-TR

MIC6315-40D2UY-TR

MIC6315-40D3UY-TR

MIC6315-40D4UY-TR

MIC6315-41D2UY-TR

MIC6315-41D3UY-TR

MIC6315-41D4UY-TR

Date: Tuesday, March 11, 2025

DSNO-10YXVO948 - CCB 7364.003 Initial Notice: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as a new fabrication location for selected MIC18xx, MIC20xx, MIC23xx, MIC27xx, MIC28xx, MIC33xx, MIC47xx, MIC51xx, MIC53xx, MIC63xx, MIC80xx, MIC81xx, MIC82xx and MIC94xx device families available in various packages.

MIC6315-42D3UY-TR

MIC6315-44D2UY-TR

MIC6315-44D3UY-TR

MIC6315-44D4UY-TR

MIC6315-46D2UY-TR

MIC6315-46D3UY-TR

MIC6315-46D4UY-TR

MIC803-26D2CYW-8

MIC803-26D2VC3-TR

MIC803-26D2VM3-TR

MIC803-26D3CYW-8

MIC803-26D3CYW-8AD1

MIC803-26D3VC3-TR

MIC803-26D3VM3-TR

MIC803-26D4VC3-TR

MIC803-26D4VM3-TR

MIC803-29D2VC3-TR

MIC803-29D2VM3-TR

MIC803-29D3VC3-TR

MIC803-29D3VM3-TR

MIC803-29D4VC3-TR

MIC803-29D4VM3-TR

MIC803-30D2VC3-TR

MIC803-30D2VM3-TR

MIC803-30D3VC3-TR

MIC803-30D3VM3-TR

MIC803-30D4VC3-TR

MIC803-30D4VM3-TR

MIC803-31D2VC3-TR

MIC803-31D2VM3-TR

Date: Tuesday, March 11, 2025

DSNO-10YXVO948 - CCB 7364.003 Initial Notice: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as a new fabrication location for selected MIC18xx, MIC20xx, MIC23xx, MIC27xx, MIC28xx, MIC33xx, MIC47xx, MIC51xx, MIC53xx, MIC63xx, MIC80xx, MIC81xx, MIC82xx and MIC94xx device families available in various packages.

MIC803-31D3VC3-TR

MIC803-31D3VM3-TR

MIC803-31D4VC3-TR

MIC803-31D4VM3-TR

MIC803-40D2VC3-TR

MIC803-40D2VM3-TR

MIC803-40D3VC3-TR

MIC803-40D3VM3-TR

MIC803-40D4VC3-TR

MIC803-40D4VM3-TR

MIC803-41D2VC3-TR

MIC803-41D2VM3-TR

MIC803-41D3VC3-TR

MIC803-41D3VM3-TR

MIC803-41D4VC3-TR

MIC803-41D4VM3-TR

MIC803-44D2VC3-TR

MIC803-44D2VM3-TR

MIC803-44D3VC3-TR

MIC803-44D3VM3-TR

MIC803-44D4VC3-TR

MIC803-44D4VM3-TR

MIC803-46D2VC3-TR

MIC803-46D2VM3-TR

MIC803-46D3VC3-TR

MIC803-46D3VM3-TR

MIC803-46D4VC3-TR

MIC803-46D4VM3-TR

MIC809-5SUY-TR

MIC809-5SYC3-TR

Date: Tuesday, March 11, 2025

DSNO-10YXVO948 - CCB 7364.003 Initial Notice: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as a new fabrication location for selected MIC18xx, MIC20xx, MIC23xx, MIC27xx, MIC28xx, MIC33xx, MIC47xx, MIC51xx, MIC53xx, MIC63xx, MIC80xx, MIC81xx, MIC82xx and MIC94xx device families available in various packages.

MIC809JUY-TR

MIC809JYC3-TR

MIC809LUY-TR

MIC809LYC3-TR

MIC809MUY-TR

MIC809MYC3-TR

MIC809RUY-TR

MIC809RYC3-TR

MIC809SUY-TR

MIC809SYC3-TR

MIC809TUY-TR

MIC809TYC3-TR

MIC810JUY-TR

MIC810JYC3-TR

MIC810LUY-TR

MIC810LYC3-TR

MIC810MUY-TR

MIC810MYC3-TR

MIC810RUY-TR

MIC810RYC3-TR

MIC810SUY-TR

MIC810SYC3-TR

MIC810TUY-TR

MIC810TYC3-TR

MIC8114TUY-TR

MIC8115TUY-TR

MIC811JUY-TR

MIC811LUY-TR

MIC811MUY-TR

MIC811RUY-TR

Date: Tuesday, March 11, 2025

DSNO-10YXVO948 - CCB 7364.003 Initial Notice: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as a new fabrication location for selected MIC18xx, MIC20xx, MIC23xx, MIC27xx, MIC28xx, MIC33xx, MIC47xx, MIC51xx, MIC53xx, MIC63xx, MIC80xx, MIC81xx, MIC82xx and MIC94xx device families available in various packages.

MIC811SUY-TR

MIC811TUY-TR

MIC812JUY-TR

MIC812LUY-TR

MIC812MUY-TR

MIC812RUY-TR

MIC812SUY-TR

MIC812TUY-TR

MIC826LYMT-T5

MIC826LYMT-TR

MIC826MYMT-T5

MIC826MYMT-TR

MIC826RYMT-T5

MIC826RYMT-TR

MIC826SYMT-T5

MIC826SYMT-TR

MIC826TYMT-T5

MIC826TYMT-TR

MIC826WYMT-T5

MIC826WYMT-TR

MIC826YYMT-T5

MIC826YYMT-TR

MIC826ZYMT-T5

MIC826ZYMT-TR

MIC94040YFL-TR

MIC94041YFL-TR

MIC94042YFL-TR

MIC94043YFL-TR

MIC94044YFL-TR

MIC94045YFL-TR

Date: Tuesday, March 11, 2025

DSNO-10YXVO948 - CCB 7364.003 Initial Notice: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as a new fabrication location for selected MIC18xx, MIC20xx, MIC23xx, MIC27xx, MIC28xx, MIC33xx, MIC47xx, MIC51xx, MIC53xx, MIC63xx, MIC80xx, MIC81xx, MIC82xx and MIC94xx device families available in various packages.

MIC94050YM4-TR

MIC94051YM4-TR

MIC94060CYW-8

MIC94060YC6-TR

MIC94060YMT-TR

MIC94061YC6-TR

MIC94061YMT-TR

MIC94062YC6-TR

MIC94062YMT-TR

MIC94063YC6-TR

MIC94063YMT-TR

MIC94064YC6-TR

MIC94064YMT-TR

MIC94065YC6-TR

MIC94065YMT-TR

MIC94066YML-TR

MIC94067YML-TR

MIC94068YML-TR

MIC94069YML-TR

MIC94070YC6-TR

MIC94070YC6-TX

MIC94070YMT-TR

MIC94071YC6-TR

MIC94071YC6-TX

MIC94071YMT-TR

MIC94072YC6-TR

MIC94072YC6-TX

MIC94072YMT-TR

MIC94073YC6-TR

MIC94073YC6-TX

Date: Tuesday, March 11, 2025

DSNO-10YXVO948 - CCB 7364.003 Initial Notice: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as a new fabrication location for selected MIC18xx, MIC20xx, MIC23xx, MIC27xx, MIC28xx, MIC33xx, MIC47xx, MIC51xx, MIC53xx, MIC63xx, MIC80xx, MIC81xx, MIC82xx and MIC94xx device families available in various packages.

MIC94073YMT-TR

MIC94080YFT-TR

MIC94081YFT-TR

MIC94082YFT-TR

MIC94083YFT-TR

MIC94084YFT-TR

MIC94085YFT-TR

SPN011011-8

SPN015011-TR

SPN025013-TR



QUALIFICATION PLAN SUMMARY

PCN #: DSNO-10YXVO948

**Date:
February 02, 2025**

**Qualification of Microchip Technology Colorado – Fab 5 (MCSO)
as a new fabrication location for selected MIC18xx, MIC20xx,
MIC23xx, MIC27xx, MIC28xx, MIC33xx, MIC47xx, MIC53xx,
MIC63xx, MIC80xx, MIC81xx and MIC94xx device families available
in various packages.**

Purpose: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as a new fabrication location for selected MIC18xx, MIC20xx, MIC23xx, MIC27xx, MIC28xx, MIC33xx, MIC47xx, MIC53xx, MIC63xx, MIC80xx, MIC81xx and MIC94xx device families available in various packages.

CCB No.: 7428.004

<u>Misc.</u>	Assembly site	UNIS
	BD Number	D-003999
	MP Code (MPC)	22601YJ4AA07
	Part Number (CPN)	MIC23250-S4YMT
	MSL information	MSL-1
	Assembly Shipping Media (T/R, Tube/Tray)	T/R
	Base Quantity Multiple (BQM)	5000
	Reliability Site	MTAI
<u>Lead-Frame</u>	Material	A194ESH
	DAP Surface Prep	NiPdAu
	Process	Etched
	Lead-lock	Yes
	Part Number	40100097
	Lead Plating	NiPdAu
<u>Bond Wire</u>	Material	Au
<u>Die Attach</u>	Part Number	8006NS
	Conductive	Yes
<u>MC</u>	Part Number	G770HCD
<u>PKG</u>	Package Type	UDFN
	Pin/Ball Count	10L
	PKG width/size	2x2x0.6 mm

Test Name	Conditions	Sample Size	Min. Qty of Spares per Lot (should be properly marked)	Qty of Lots	Total Units	Fail Accept Qty	Est. Dur. Days	Special Instructions
Wire Bond Pull - WBP	Mil. Std. 883-2011	5	0	1	5	0 fails after TC	5	30 bonds from a min. 5 devices.
Wire Bond Shear - WBS	CDF-AEC-Q100-001	5	0	1	5	0	5	30 bonds from a min. 5 devices.
Wire Sweep								Required for any reduction in wire bond thickness.
External Visual	Mil. Std. 883-2009/2010	All devices prior to submission for qualification testing	0	3	ALL	0	5	
HTSL (High Temp Storage Life)	JESD22-A103. +175 C for 504 hours or 150°C for 1008 hrs. Electrical test pre and post stress at +25C and hot temp.	45	5	1	50	0	10	
Preconditioning - Required for surface mount devices	JESD22-A113. +150°C Bake for 24 hours, moisture loading requirements per MSL level + 3X reflow at peak reflow temperature per Jeduc-STD-020E for package type; Electrical test pre and post stress at +25°C. Precon at MSL-1	231	15	3	738	0	15	Spares should be properly identified. 77 parts from each lot to be used for HAST, uHAST, Temp Cycle test.
HAST	JESD22-A110. +130°C/85% RH for 96 hours or 110°C/85%RH for 264 hours. Electrical test pre and post stress at +25°C and hot temp.	77	5	3	246	0	10	Spares should be properly identified. Use the parts which have gone through Pre-conditioning.
UHAST	JESD22-A118. +130°C/85% RH for 96 hrs or +110°C/85% RH for 264 hrs. Electrical test pre and post stress at +25°C	77	5	3	246	0	10	Spares should be properly identified. Use the parts which have gone through Pre-conditioning.
Temp Cycle	JESD22-A104. -65°C to +150°C for 500 cycles. Electrical test pre and post stress at hot temp; 3 gram force WBP, on 5 devices from 1 lot, test following Temp Cycle stress.	77	5	3	246	0	15	Spares should be properly identified.



MICROCHIP

PRODUCT QUALIFICATION

Purpose: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as a new fabrication location for selected MIC18xx, MIC20xx, MIC23xx, MIC27xx, MIC28xx, MIC33xx, MIC47xx, MIC53xx, MIC63xx, MIC80xx, MIC81xx and MIC94xx device families available in various packages.

CCB No.: 7364.003

Test Item	Lot Quantity	Sample size per lot	Total no. of samples
HTOL 1000HRS at +125°C Pre / Post ATE at Room.	3	77	
ESD/HBM Pre / Post ATE at Room	1	12	
ESD/CDM Pre / Post ATE at Room	1	12	
Latch Up Pre / Post ATE at Room.	1	12	