



Title of Change:	Conversion of select ON Semiconductor, Czech Republic (Roznov) wafer fab technologies from 150mm to 200mm wafer diameter	
Proposed First Ship date:	01 Apr 2021 or earlier if approved by customer	
Contact Information:	Contact your local ON Semiconductor Sales Office or Jan.Gryzbon@onsemi.com	
PCN Samples Contact:	Contact your local ON Semiconductor Sales Office or < PCN.samples@onsemi.com >. Sample requests are to be submitted no later than 30 days from the date of first notification, Initial PCN or Final PCN, for this change. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.	
Type of Notification:	This is an Initial Product/Process Change Notification (IPCN) sent to customers. An IPCN is an advance notification about an upcoming change and contains general information regarding the change details and devices affected. It also contains the preliminary reliability qualification plan. The completed qualification and characterization data will be included in the Final Product/Process Change Notification (FPCN). This IPCN notification will be followed by a Final Product/Process Change Notification (FPCN) at least 90 days prior to implementation of the change. In case of questions, contact < PCN.Support@onsemi.com >	
Marking of Parts/ Traceability of Change:	The affected products will be identified with date code	
Change Category:	Wafer Fab Change	
Change Sub-Category(s):	Manufacturing Process Change	
Sites Affected:		
ON Semiconductor Sites	External Foundry/Subcon Sites	
ON Semiconductor Wafer Substrate Manufacturing Roznov, Czech Republic	None	
Description and Purpose:		
<p>Conversion of select ON Semiconductor, Czech Republic (Roznov) wafer fab technologies from 150mm to 200mm wafer diameter. The purpose is to increase the wafer fab productivity.</p> <p>The 200mm wafer process is being created at Roznov in order to get the same electrical and reliability performances as the 150mm process. This is a change in wafer diameter only; there will be no changes to assembly or test locations as a result of this changed.</p> <p>A full electrical characterization over the temperature range will be performed for each product to check the device functionality and electrical specifications.</p> <p>Qualification tests are designed to show that the reliability of transferred devices will continue to meet or exceed ON Semiconductor standards.</p> <p>ON Semiconductor recommends that customers evaluate sample units in each associated application circuit to ensure there are no unexpected electrical incompatibilities.</p>		

**Qualification Plan:**

QV device name: LM317LBDR2G

RMS# 67728

Package: SOIC8

Test	Specification	Condition	Interval
HTOL	JA108	Ta= 125°C	1008 hrs
PC	JA112 JA113	SMD only, Test @ 0 & EP	
SAT		Test pre- and post- PC	
ELFR	JA018	TA = 125°C for 48 hrs	48hrs
TC	JA104	Test @ R	500cyc
BS	AEC-Q100-001	Cpk 1.33, 30 bonds from 5units	
BPS	M883 Method 2011	3gm Pull Force Min After TC	
ESD HBM	AEC-Q100-002	c = 0, Test @ R	
ESD MM	AEC-Q100-003	c = 0, Test @ R	
ESD CDM	AEC-Q100-011	c = 0, Test @ R	
ED	ON Data Sheet	Cpk > 1.67 Test @ R, H, C	
LU	AEC-Q100-004	Test @ EP; Test & Stress @ R	

Estimated date for qualification completion: 26 February 2021

QV device name: LM317BD2TG

RMS# 67729

Package: D2PAK

Test	Specification	Condition	Interval
HTOL	JA108	Ta= 125°C	1008 hrs
PC	JA112 JA113	SMD only, Test @ 0 & EP	
SAT		Test pre- and post- PC	
ELFR	JA018	TA = 125°C for 48 hrs	48hrs
TC	JA104	Test @ R	500cyc
BS	AEC-Q100-001	Cpk 1.33, 30 bonds from 5units	
BPS	M883 Method 2011	3gm Pull Force Min After TC	
ESD HBM	AEC-Q100-002	c = 0, Test @ R	
ESD MM	AEC-Q100-003	c = 0, Test @ R	
ESD CDM	AEC-Q100-011	c = 0, Test @ R	
ED	ON Data Sheet	Cpk > 1.67 Test @ R, H, C	
LU	AEC-Q100-004	Test @ EP; Test & Stress @ R	

Estimated date for qualification completion: 1 February 2021



QV device name: MC33074ADR2G

RMS# 69241

Package: SOIC14

Test	Specification	Condition	Interval
HTOL	JA108	Ta= 125°C	1008 hrs
PC	JA112 JA113	SMD only, Test @ 0 & EP	
SAT		Test pre- and post- PC	
ELFR	JA018	TA = 125°C for 48 hrs	48hrs
TC	JA104	Test @ R	500cyc
BS	AEC-Q100-001	Cpk 1.33, 30 bonds from 5units	
BPS	M883 Method 2011	3gm Pull Force Min After TC	
ESD HBM	AEC-Q100-002	c = 0, Test @ R	
ESD MM	AEC-Q100-003	c = 0, Test @ R	
ESD CDM	AEC-Q100-011	c = 0, Test @ R	
ED	ON Data Sheet	Cpk > 1.67 Test @ R, H, C	
LU	AEC-Q100-004	Test @ EP; Test & Stress @ R	

Estimated date for qualification completion: 31 March 2021

QV device name: MC7805BDTRKG

RMS# 68976

Package: DPAK-3L

Test	Specification	Condition	Interval
HTOL	JA108	Ta= 125°C	1008 hrs
PC	JA112 JA113	SMD only, Test @ 0 & EP	
SAT		Test pre- and post- PC	
ELFR	JA018	TA = 125°C for 48 hrs	48hrs
TC	JA104	Test @ R	500cyc
BS	AEC-Q100-001	Cpk 1.33, 30 bonds from 5units	
BPS	M883 Method 2011	3gm Pull Force Min After TC	
ESD HBM	AEC-Q100-002	c = 0, Test @ R	
ESD MM	AEC-Q100-003	c = 0, Test @ R	
ESD CDM	AEC-Q100-011	c = 0, Test @ R	
ED	ON Data Sheet	Cpk > 1.67 Test @ R, H, C	
LU	AEC-Q100-004	Test @ EP; Test & Stress @ R	

Estimated date for qualification completion: 30 July 2021



QV device name: MC1413BDR2G

RMS# 68977

Package: SOIC16

Test	Specification	Condition	Interval
HTOL	JA108	Ta= 125°C	1008 hrs
PC	JA112 JA113	SMD only, Test @ 0 & EP	
SAT		Test pre- and post- PC	
ELFR	JA018	TA = 125°C for 48 hrs	48hrs
TC	JA104	Test @ R	500cyc
BS	AEC-Q100-001	Cpk 1.33, 30 bonds from 5units	
BPS	M883 Method 2011	3gm Pull Force Min After TC	
ESD HBM	AEC-Q100-002	c = 0, Test @ R	
ESD MM	AEC-Q100-003	c = 0, Test @ R	
ESD CDM	AEC-Q100-011	c = 0, Test @ R	
ED	ON Data Sheet	Cpk > 1.67 Test @ R, H, C	
LU	AEC-Q100-004	Test @ EP; Test & Stress @ R	

Estimated date for qualification completion: 31 March 2021

QV device name: MC78M05BDTRKG

Package: DPAK-3L

Test	Specification	Condition	Interval
HTOL	JA108	Ta= 125°C	1008 hrs
PC	JA112 JA113	SMD only, Test @ 0 & EP	
SAT		Test pre- and post- PC	
ELFR	JA018	TA = 125°C for 48 hrs	48hrs
TC	JA104	Test @ R	500cyc
BS	AEC-Q100-001	Cpk 1.33, 30 bonds from 5units	
BPS	M883 Method 2011	3gm Pull Force Min After TC	
ESD HBM	AEC-Q100-002	c = 0, Test @ R	
ESD MM	AEC-Q100-003	c = 0, Test @ R	
ESD CDM	AEC-Q100-011	c = 0, Test @ R	
ED	ON Data Sheet	Cpk > 1.67 Test @ R, H, C	
LU	AEC-Q100-004	Test @ EP; Test & Stress @ R	

Estimated date for qualification completion: 30 November 2021

**List of Affected Parts:**

Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the [PCN Customized Portal](#).

Part Number	Qualification Vehicle
JCP78M05CDTRKG	MC78M05BDTRKG
LM317BD2TG	LM317BD2TR4G
LM317BD2TR4G	LM317BD2TR4G
MC78L05ACDR2GH	MC78M05BDTRKG
MC33074ADTBR2G	MC33074ADR2G
MC33074DR2G	MC33074ADR2G
MC33074DTBR2G	MC33074ADR2G
MC34074ADR2G	MC33074ADR2G
MC34074DR2G	MC33074ADR2G
MC34074VDR2G	MC33074ADR2G
SC78M08BDTRKG	MC78M05BDTRKG
SCD78M05CTG	MC78M05BDTRKG
SCD78M09CTG	MC78M05BDTRKG
SCD78M12CTG	MC78M05BDTRKG
SCD78M15BTG	MC78M05BDTRKG
SCD317MABTG	LM317BD2TR4G
SCD317MTG	LM317BD2TR4G
SCD317MTGH	LM317BD2TR4G
SCD7806CTG	MC7805BDTRKG
SCD7809BTG	MC7805BDTRKG
SCD7809CTG	MC7805BDTRKG
SCD7818BTG	MC7805BDTRKG
TYA7809CTVG	MC7805BDTRKG
LM317LBZRPB	LM317LBDR2G
LM317LZRMG	LM317LBDR2G
LM2931ACTVG	LM317BD2TR4G
MC78L05ABPREG	MC78M05BDTRKG
MC78L08ABPG	MC78M05BDTRKG
MC78L09ABPRAG	MC78M05BDTRKG



MC78L12ACPREG	MC78M05BDTRKG
MC78L15ABPRPG	MC78M05BDTRKG
MC78L18ACPRPG	MC78M05BDTRKG
MC78L24ACPRPG	MC78M05BDTRKG
MC78M06BDTRKG	MC78M05BDTRKG
MC78M06CDTG	MC78M05BDTRKG
MC78M08BTG	MC78M05BDTRKG
MC78M08CTG	MC78M05BDTRKG
MC78M09CTG	MC78M05BDTRKG
MC78M15BTG	MC78M05BDTRKG
MC78M18BTG	MC78M05BDTRKG
MC78M18CTG	MC78M05BDTRKG
MC78M24CTG	MC78M05BDTRKG
MC7806BTG	MC7805BDTRKG
MC7808BD2TR4G	MC7805BDTRKG
MC7808CDTT5G	MC7805BDTRKG
SC224DR2G	MC33074ADR2G/MC7805BDTRKG
SC324DR2G	MC33074ADR2G/MC7805BDTRKG
SC7805CTG	MC7805BDTRKG
SC7812CTG	MC7805BDTRKG
SCD317BTG	LM317BD2TR4G
SCD7805BTG	MC7805BDTRKG
SCD7805CTG	MC7805BDTRKG
SCD7812BTG	MC7805BDTRKG
SCD7812CTG	MC7805BDTRKG
SCD7815BTG	MC7805BDTRKG
SCD7815CTG	MC7805BDTRKG
ULN2003ADR2G	MC1413BDR2G
ULQ2003ADR2G	MC1413BDR2G
LM317BTG	LM317BD2TR4G
LM317LBZG	LM317LBDR2G
LM317LBZRAG	LM317LBDR2G
LM317LZG	LM317LBDR2G
LM317LZRAG	LM317LBDR2G



LM317LZREG	LM317LBDR2G
LM317LZRPG	LM317LBDR2G
LM317MABDTG	LM317BD2TR4G
LM317MABDTRKG	LM317BD2TR4G
LM317MABTG	LM317BD2TR4G
LM317MADTRKG	LM317BD2TR4G
LM317MBDTG	LM317BD2TR4G
LM317MBDTRKG	LM317BD2TR4G
LM317MBTG	LM317BD2TR4G
LM317MDTG	LM317BD2TR4G
LM317MTG	LM317BD2TR4G
LM324ADTBG	MC33074ADR2G/MC7805BDTRKG
LM324ADTBR2G	MC33074ADR2G/MC7805BDTRKG
LM324DR2G	MC33074ADR2G/MC7805BDTRKG
LM2901DR2G	MC33074ADR2G/MC7805BDTRKG
LM2931ACD2TR4G	LM317BD2TR4G
LM2931ACDR2G	LM317BD2TR4G
LM2931AD-5.0G	LM317BD2TR4G
LM2931AD2T-5.0G	LM317BD2TR4G
LM2931AD2T-5R4G	LM317BD2TR4G
LM2931ADT-5.0G	LM317BD2TR4G
LM2931ADT-5.0RKG	LM317BD2TR4G
LM2931AT-5.0G	LM317BD2TR4G
LM2931CD2TG	LM317BD2TR4G
LM2931CD2TR4G	LM317BD2TR4G
LM2931CTG	LM317BD2TR4G
LM2931D-5.0G	LM317BD2TR4G
LM2931D2T-5.0G	LM317BD2TR4G
LM2931DT-5.0G	LM317BD2TR4G
LM2931T-5.0G	LM317BD2TR4G
LM2931Z-5.0G	LM317BD2TR4G
LM2931Z-5.0RAG	LM317BD2TR4G
LM2931Z-5.0RPG	LM317BD2TR4G
MC78L05ABPG	MC78M05BDTRKG



MC78L05ABPRAG	MC78M05BDTRKG
MC78L05ACPG	MC78M05BDTRKG
MC78L05ACPREG	MC78M05BDTRKG
MC78L05ACPRMG	MC78M05BDTRKG
MC78L05ACPRPG	MC78M05BDTRKG
MC78L08ABDR2G	MC78M05BDTRKG
MC78L08ABPRAG	MC78M05BDTRKG
MC78L08ABPRPG	MC78M05BDTRKG
MC78L08ACDR2G	MC78M05BDTRKG
MC78L08ACPG	MC78M05BDTRKG
MC78L08ACPRAG	MC78M05BDTRKG
MC78L08ACPREG	MC78M05BDTRKG
MC78L08ACPRPG	MC78M05BDTRKG
MC78L09ABDR2G	MC78M05BDTRKG
MC78L09ABPRPG	MC78M05BDTRKG
MC78L09ACDR2G	MC78M05BDTRKG
MC78L09ACPG	MC78M05BDTRKG
MC78L12ABDR2G	MC78M05BDTRKG
MC78L12ABPG	MC78M05BDTRKG
MC78L12ABPRPG	MC78M05BDTRKG
MC78L12ACPG	MC78M05BDTRKG
MC78L12ACPRAG	MC78M05BDTRKG
MC78L12ACPRMG	MC78M05BDTRKG
MC78L12ACPRPG	MC78M05BDTRKG
MC78L15ABPG	MC78M05BDTRKG
MC78L15ABPRAG	MC78M05BDTRKG
MC78L15ACDR2G	MC78M05BDTRKG
MC78L15ACPG	MC78M05BDTRKG
MC78L15ACPRAG	MC78M05BDTRKG
MC78L15ACPRPG	MC78M05BDTRKG
MC78L18ABPG	MC78M05BDTRKG
MC78L18ACPG	MC78M05BDTRKG
MC78L18ACPRAG	MC78M05BDTRKG
MC78L18ACPRMG	MC78M05BDTRKG



MC78L24ABPG	MC78M05BDTRKG
MC78L24ACPG	MC78M05BDTRKG
MC78L24ACPARG	MC78M05BDTRKG
MC78M05BDTG	MC78M05BDTRKG
MC78M05BDTT5G	MC78M05BDTRKG
MC78M05CDTT5G	MC78M05BDTRKG
MC78M05CTG	MC78M05BDTRKG
MC78M06BTG	MC78M05BDTRKG
MC78M08CDTG	MC78M05BDTRKG
MC78M08CDTRKG	MC78M05BDTRKG
MC78M09BDTG	MC78M05BDTRKG
MC78M09CDTG	MC78M05BDTRKG
MC78M12BDTG	MC78M05BDTRKG
MC78M12BDTRKG	MC78M05BDTRKG
MC78M12CDTG	MC78M05BDTRKG
MC78M12CDTT5G	MC78M05BDTRKG
MC78M12CTG	MC78M05BDTRKG
MC78M18CDTG	MC78M05BDTRKG
MC78M18CDTRKG	MC78M05BDTRKG
MC78M20CTG	MC78M05BDTRKG
MC78M24BTG	MC78M05BDTRKG
MC7805BD2TG	MC7805BDTRKG
MC7805BDTG	MC7805BDTRKG
MC7805CD2TR4G	MC7805BDTRKG
MC7805CDTG	MC7805BDTRKG
MC7806BD2TG	MC7805BDTRKG
MC7806BD2TR4G	MC7805BDTRKG
MC7806CTG	MC7805BDTRKG
MC7808BD2TG	MC7805BDTRKG
MC7808BDTG	MC7805BDTRKG
MC7808BDTRKG	MC7805BDTRKG
MC7808BTG	MC7805BDTRKG
MC7808CD2TG	MC7805BDTRKG
MC7808CD2TR4G	MC7805BDTRKG



MC7808CDTG	MC7805BDTRKG
MC7808CDTRKG	MC7805BDTRKG
MC7808CTG	MC7805BDTRKG
MC7809BTG	MC7805BDTRKG
MC7809CD2TG	MC7805BDTRKG
MC7809CTG	MC7805BDTRKG
MC7812BD2TG	MC7805BDTRKG
MC7812BD2TR4G	MC7805BDTRKG
MC7812BDTG	MC7805BDTRKG
MC7812BDTRKG	MC7805BDTRKG
MC7812CD2TG	MC7805BDTRKG
MC7812CD2TR4G	MC7805BDTRKG
MC7812CDTG	MC7805BDTRKG
MC7815BDTRKG	MC7805BDTRKG
MC7815CD2TG	MC7805BDTRKG
MC7815CD2TR4G	MC7805BDTRKG
MC7815CDTG	MC7805BDTRKG
MC7815CDTRKG	MC7805BDTRKG
MC7815CTG	MC7805BDTRKG
MC7818BTG	MC7805BDTRKG
MC7818CD2TR4G	MC7805BDTRKG
MC7818CTG	MC7805BDTRKG
MC33074ADR2G	MC33074ADR2G
SC324ADR2G	MC33074ADR2G/MC7805BDTRKG
LM317D2TG	LM317BD2TR4G
LM2931AZ-5.0G	LM317BD2TR4G
LM2931AZ-5.0RPG	LM317BD2TR4G
MC78L05ABPRMG	MC78M05BDTRKG
MC78M05CDTRKG	MC78M05BDTRKG
MC78M09BDTRKG	MC78M05BDTRKG
MC78M15BDTG	MC78M05BDTRKG
MC1413BDR2G	MC1413BDR2G
MC1413DR2G	MC1413BDR2G
MC7805BD2TR4G	MC7805BDTRKG



MC7805BDTRKG	MC7805BDTRKG
MC7805BTG	MC7805BDTRKG
MC7805CD2TG	MC7805BDTRKG
MC7805CDTRKG	MC7805BDTRKG
MC7805CTG	MC7805BDTRKG
MC7809CD2TR4G	MC7805BDTRKG
MC7812BTG	MC7805BDTRKG
MC7812CDTRKG	MC7805BDTRKG
MC7815BD2TR4G	MC7805BDTRKG
MC7815BTG	MC7805BDTRKG
MC78L15ABDR2G	MC78M05BDTRKG
MC78M05CDTG	MC78M05BDTRKG
MC78M06CDTRKG	MC78M05BDTRKG
MC78M06CTG	MC78M05BDTRKG
MC78M08BDTG	MC78M05BDTRKG
MC78M08BDTRKG	MC78M05BDTRKG
MC78M09CDTRKG	MC78M05BDTRKG
MC78M12BTG	MC78M05BDTRKG
MC78M15BDTRKG	MC78M05BDTRKG
MC78M15CDTG	MC78M05BDTRKG
MC78M15CDTRKG	MC78M05BDTRKG
MC78M15CDTT5G	MC78M05BDTRKG
MC78M15CTG	MC78M05BDTRKG
MC7815BD2TG	MC7805BDTRKG
LM2931AD-5.0R2G	LM317BD2TR4G
LM2931AZ-5.0RAG	LM317BD2TR4G
LM2931D-5.0R2G	LM317BD2TR4G
MC78L05ACPRAG	MC78M05BDTRKG
MC78L12ACDR2G	MC78M05BDTRKG
MC78M05BDTRKG	MC78M05BDTRKG
MC78M05BTG	MC78M05BDTRKG
MC78M12CDTRKG	MC78M05BDTRKG
MC7812CTG	MC7805BDTRKG
MC7815BDTG	MC7805BDTRKG



LM317D2TR4G	LM317BD2TR4G
LM317LBDR2G	LM317LBDR2G
LM317LDR2G	LM317LBDR2G
LM317MBSTT3G	LM317BD2TR4G
LM317MDTRKG	LM317BD2TR4G
LM317MSTT3G	LM317BD2TR4G
LM317TG	LM317BD2TR4G
LM339DR2G	MC33074ADR2G/MC7805BDTRKG
LM358DR2G	MC33074ADR2G/MC7805BDTRKG
LM393DR2G	MC33074ADR2G/MC7805BDTRKG
LM2902DR2G	MC33074ADR2G/MC7805BDTRKG
LM2903DR2G	MC33074ADR2G/MC7805BDTRKG
LM2904DR2G	MC33074ADR2G/MC7805BDTRKG
LM2931CDR2G	LM317BD2TR4G
LM2931D2T-5.0R4G	LM317BD2TR4G
MC78L05ABDR2G	MC78M05BDTRKG
MC78L05ACDR2G	MC78M05BDTRKG
MC78L05ACHT1G	MC78M05BDTRKG

Japanese translation of the notification starts here.
通知の日本語訳はここから始まります。

Note: The Japanese version is for reference only. In case of any differences between the English and Japanese version, the English version shall control.

注：日本語版は参照用です。英語版と日本語版の違いがある場合は、英語版が優先されます。



初回製品 / プロセス変更通知

文書番号# : IPCN23597X

発行日 : 29 Oct 2020

変更件名:	オン・セミコンダクター、チェコ共和国 (ロジノフ) のウェハー製造技術においてウェハー径の選択を 150mm から 200mm に変換	
初回出荷予定日:	01 Apr 2021 またはお客様からの承認が得られた場合はそれ以前	
連絡先情報:	現地のオン・セミコンダクター営業所または < Jan.Gryzbon@onsemi.com > にお問い合わせください。	
サンプル:	現地のオン・セミコンダクター営業所または < PCN.samples@onsemi.com > にお問い合わせください。 サンプルは、この変更の初回通知、初回 PCN の日付から 30 日以内に要求してください。 サンプル納入時は、依頼日、数量、特別梱包材/ラベル条件によって異なります。	
通知種別:	これは、お客様宛の初回製品 / プロセス変更通知 (IPCN) です。IPCN は、近日中に実施される変更に関する事前通知であり、変更の詳細および影響を受けるデバイスについての一般情報が記載されます。また、暫定的な信頼性認証計画も記載されます。 最終的な認定データおよび特性データは最終製品 / プロセス変更通知 (FPCN) に含まれます。この IPCN は、変更実施から少なくとも 90 日前に発行される最終製品 / プロセス変更通知 (FPCN) に先だって通知されます。ご不明な点がありましたら、< PCN.Support@onsemi.com > にお問い合わせください。	
変更部品の識別:	影響を受ける製品は日付コードで識別されます	
変更カテゴリ:	ウェハファブの変更	
変更サブカテゴリ:	製造プロセスの変更	
影響を受ける拠点:		
オン・セミコンダクター拠点:	外部製造工場 / 下請業者拠点:	
ON Semiconductor Wafer Substrate Manufacturing Roznov, Czech Republic	なし	
説明および目的:	<p>オン・セミコンダクター、チェコ共和国 (ロジノフ) のウェハー製造技術においてウェハー径の選択を 150mm から 200mm に変換します。この目的はウェハー製造施設の生産性を向上させることです。</p> <p>200mm のウェハープロセスは、150mm のプロセスと同じ電気的性能および信頼性性能を得るようにロジノフに作成されます。これはウェハー径のみの変更であり、今回の変更に伴う組立または検査場所の変更はありません。</p> <p>製品の機能性および電気的規格を確認するために、各製品について温度範囲全体にわたる全面的な電気特性評価が実施されます。</p> <p>認定試験は、移行された製品の信頼性が引き続きオン・セミコンダクターの基準以上となることを証明するように設計されています。</p> <p>オン・セミコンダクターでは、予期せぬ電気的な不整合が生じないことを確実にするために、お客様が関連するアプリケーション回路においてサンプルを評価することを推奨しています。</p>	



認定計画:

デバイス名: LM317LBDR2G

RMS # : 67728

パッケージ: SOIC8

テスト	規格	条件	間隔
HTOL	JA108	Ta= 125°C	1008 hrs
PC	JA112 JA113	SMD only, Test @ 0 & EP	
SAT		Test pre- and post- PC	
ELFR	JA018	TA = 125°C for 48 hrs	48hrs
TC	JA104	Test @ R	500cyc
BS	AEC-Q100-001	Cpk 1.33, 30 bonds from 5units	
BPS	M883 Method 2011	3gm Pull Force Min After TC	
ESD HBM	AEC-Q100-002	c = 0, Test @ R	
ESD MM	AEC-Q100-003	c = 0, Test @ R	
ESD CDM	AEC-Q100-011	c = 0, Test @ R	
ED	ON Data Sheet	Cpk > 1.67 Test @ R, H, C	
LU	AEC-Q100-004	Test @ EP; Test & Stress @ R	

認定完了予定日 : 26 February 2021

デバイス名: LM317BD2TG

RMS # : 67729

パッケージ: D2PAK

テスト	規格	条件	間隔
HTOL	JA108	Ta= 125°C	1008 hrs
PC	JA112 JA113	SMD only, Test @ 0 & EP	
SAT		Test pre- and post- PC	
ELFR	JA018	TA = 125°C for 48 hrs	48hrs
TC	JA104	Test @ R	500cyc
BS	AEC-Q100-001	Cpk 1.33, 30 bonds from 5units	
BPS	M883 Method 2011	3gm Pull Force Min After TC	
ESD HBM	AEC-Q100-002	c = 0, Test @ R	
ESD MM	AEC-Q100-003	c = 0, Test @ R	
ESD CDM	AEC-Q100-011	c = 0, Test @ R	
ED	ON Data Sheet	Cpk > 1.67 Test @ R, H, C	
LU	AEC-Q100-004	Test @ EP; Test & Stress @ R	

認定完了予定日 : 1 February 2021



デバイス名: MC33074ADR2G

RMS # : 69241

パッケージ: SOIC14

テスト	規格	条件	間隔
HTOL	JA108	Ta= 125°C	1008 hrs
PC	JA112 JA113	SMD only, Test @ 0 & EP	
SAT		Test pre- and post- PC	
ELFR	JA018	TA = 125°C for 48 hrs	48hrs
TC	JA104	Test @ R	500cyc
BS	AEC-Q100-001	Cpk 1.33, 30 bonds from 5units	
BPS	M883 Method 2011	3gm Pull Force Min After TC	
ESD HBM	AEC-Q100-002	c = 0, Test @ R	
ESD MM	AEC-Q100-003	c = 0, Test @ R	
ESD CDM	AEC-Q100-011	c = 0, Test @ R	
ED	ON Data Sheet	Cpk > 1.67 Test @ R, H, C	
LU	AEC-Q100-004	Test @ EP; Test & Stress @ R	

認定完了予定日 : 31 March 2021

デバイス名: MC7805BDTRKG

RMS # : 68976

パッケージ: DPAK-3L

テスト	規格	条件	間隔
HTOL	JA108	Ta= 125°C	1008 hrs
PC	JA112 JA113	SMD only, Test @ 0 & EP	
SAT		Test pre- and post- PC	
ELFR	JA018	TA = 125°C for 48 hrs	48hrs
TC	JA104	Test @ R	500cyc
BS	AEC-Q100-001	Cpk 1.33, 30 bonds from 5units	
BPS	M883 Method 2011	3gm Pull Force Min After TC	
ESD HBM	AEC-Q100-002	c = 0, Test @ R	
ESD MM	AEC-Q100-003	c = 0, Test @ R	
ESD CDM	AEC-Q100-011	c = 0, Test @ R	
ED	ON Data Sheet	Cpk > 1.67 Test @ R, H, C	
LU	AEC-Q100-004	Test @ EP; Test & Stress @ R	

認定完了予定日 : 30 July 2021



デバイス名: MC1413BDR2G

RMS # : 68977

パッケージ: SOIC16

テスト	規格	条件	間隔
HTOL	JA108	Ta= 125°C	1008 hrs
PC	JA112 JA113	SMD only, Test @ 0 & EP	
SAT		Test pre- and post- PC	
ELFR	JA018	TA = 125°C for 48 hrs	48hrs
TC	JA104	Test @ R	500cyc
BS	AEC-Q100-001	Cpk 1.33, 30 bonds from 5units	
BPS	M883 Method 2011	3gm Pull Force Min After TC	
ESD HBM	AEC-Q100-002	c = 0, Test @ R	
ESD MM	AEC-Q100-003	c = 0, Test @ R	
ESD CDM	AEC-Q100-011	c = 0, Test @ R	
ED	ON Data Sheet	Cpk > 1.67 Test @ R, H, C	
LU	AEC-Q100-004	Test @ EP; Test & Stress @ R	

認定完了予定日 : 31 March 2021

デバイス名: MC78M05BDTRKG

パッケージ: DPAK-3L

テスト	規格	条件	間隔
HTOL	JA108	Ta= 125°C	1008 hrs
PC	JA112 JA113	SMD only, Test @ 0 & EP	
SAT		Test pre- and post- PC	
ELFR	JA018	TA = 125°C for 48 hrs	48hrs
TC	JA104	Test @ R	500cyc
BS	AEC-Q100-001	Cpk 1.33, 30 bonds from 5units	
BPS	M883 Method 2011	3gm Pull Force Min After TC	
ESD HBM	AEC-Q100-002	c = 0, Test @ R	
ESD MM	AEC-Q100-003	c = 0, Test @ R	
ESD CDM	AEC-Q100-011	c = 0, Test @ R	
ED	ON Data Sheet	Cpk > 1.67 Test @ R, H, C	
LU	AEC-Q100-004	Test @ EP; Test & Stress @ R	

認定完了予定日 : 30 November 2021



影響を受ける部品の一覧:

注: 部品一覧には標準部品番号 (既製品) のみが記載されています。本 PCN の影響を受けるカスタム部品番号は、PCN メールで提供される顧客個別の付録、または PCN カスタマイズポータルに記載されています。

部品番号	認定試験用ピークル
JCP78M05CDTRKG	MC78M05BDTRKG
LM317BD2TG	LM317BD2TR4G
LM317BD2TR4G	LM317BD2TR4G
MC78L05ACDR2GH	MC78M05BDTRKG
MC33074ADTBR2G	MC33074ADR2G
MC33074DR2G	MC33074ADR2G
MC33074DTBR2G	MC33074ADR2G
MC34074ADR2G	MC33074ADR2G
MC34074DR2G	MC33074ADR2G
MC34074VDR2G	MC33074ADR2G
SC78M08BDTRKG	MC78M05BDTRKG
SCD78M05CTG	MC78M05BDTRKG
SCD78M09CTG	MC78M05BDTRKG
SCD78M12CTG	MC78M05BDTRKG
SCD78M15BTG	MC78M05BDTRKG
SCD317MABTG	LM317BD2TR4G
SCD317MTG	LM317BD2TR4G
SCD317MTGH	LM317BD2TR4G
SCD7806CTG	MC7805BDTRKG
SCD7809BTG	MC7805BDTRKG
SCD7809CTG	MC7805BDTRKG
SCD7818BTG	MC7805BDTRKG
TYA7809CTVG	MC7805BDTRKG
LM317BTG	LM317BD2TR4G
LM317D2TG	LM317BD2TR4G
LM317D2TR4G	LM317BD2TR4G
LM317LBDR2G	LM317LBDR2G
LM317LBZG	LM317LBDR2G
LM317LBZRAG	LM317LBDR2G
LM317LBZRPG	LM317LBDR2G
LM317LDR2G	LM317LBDR2G



LM317LZG	LM317LBDR2G
LM317LZRAG	LM317LBDR2G
LM317LZREG	LM317LBDR2G
LM317LZRMG	LM317LBDR2G
LM317LZRPG	LM317LBDR2G
LM317MABDTG	LM317BD2TR4G
LM317MABDTRKG	LM317BD2TR4G
LM317MABTG	LM317BD2TR4G
LM317MADTRKG	LM317BD2TR4G
LM317MBDTG	LM317BD2TR4G
LM317MBDTRKG	LM317BD2TR4G
LM317MBSTT3G	LM317BD2TR4G
LM317MBTG	LM317BD2TR4G
LM317MDTG	LM317BD2TR4G
LM317MDTRKG	LM317BD2TR4G
LM317MSTT3G	LM317BD2TR4G
LM317MTG	LM317BD2TR4G
LM317TG	LM317BD2TR4G
LM324ADTBG	MC33074ADR2G/MC7805BDTRKG
LM324ADTBR2G	MC33074ADR2G/MC7805BDTRKG
LM324DR2G	MC33074ADR2G/MC7805BDTRKG
LM339DR2G	MC33074ADR2G/MC7805BDTRKG
LM358DR2G	MC33074ADR2G/MC7805BDTRKG
LM393DR2G	MC33074ADR2G/MC7805BDTRKG
LM2901DR2G	MC33074ADR2G/MC7805BDTRKG
LM2902DR2G	MC33074ADR2G/MC7805BDTRKG
LM2903DR2G	MC33074ADR2G/MC7805BDTRKG
LM2904DR2G	MC33074ADR2G/MC7805BDTRKG
LM2931ACD2TR4G	LM317BD2TR4G
LM2931ACDR2G	LM317BD2TR4G
LM2931ACTVG	LM317BD2TR4G
LM2931AD-5.0G	LM317BD2TR4G
LM2931AD-5.0R2G	LM317BD2TR4G
LM2931AD2T-5.0G	LM317BD2TR4G
LM2931AD2T-5R4G	LM317BD2TR4G
LM2931ADT-5.0G	LM317BD2TR4G



LM2931ADT-5.0RKG	LM317BD2TR4G
LM2931AT-5.0G	LM317BD2TR4G
LM2931AZ-5.0G	LM317BD2TR4G
LM2931AZ-5.0RAG	LM317BD2TR4G
LM2931AZ-5.0RPG	LM317BD2TR4G
LM2931CD2TG	LM317BD2TR4G
LM2931CD2TR4G	LM317BD2TR4G
LM2931CDR2G	LM317BD2TR4G
LM2931CTG	LM317BD2TR4G
LM2931D-5.0G	LM317BD2TR4G
LM2931D-5.0R2G	LM317BD2TR4G
LM2931D2T-5.0G	LM317BD2TR4G
LM2931D2T-5.0R4G	LM317BD2TR4G
LM2931DT-5.0G	LM317BD2TR4G
LM2931T-5.0G	LM317BD2TR4G
LM2931Z-5.0G	LM317BD2TR4G
LM2931Z-5.0RAG	LM317BD2TR4G
LM2931Z-5.0RPG	LM317BD2TR4G
MC78L05ABDR2G	MC78M05BDTRKG
MC78L05ABPG	MC78M05BDTRKG
MC78L05ABPRAG	MC78M05BDTRKG
MC78L05ABPREG	MC78M05BDTRKG
MC78L05ABPRMG	MC78M05BDTRKG
MC78L05ACDR2G	MC78M05BDTRKG
MC78L05ACHT1G	MC78M05BDTRKG
MC78L05ACPG	MC78M05BDTRKG
MC78L05ACPRAG	MC78M05BDTRKG
MC78L05ACPREG	MC78M05BDTRKG
MC78L05ACPRMG	MC78M05BDTRKG
MC78L05ACPRPG	MC78M05BDTRKG
MC78L08ABDR2G	MC78M05BDTRKG
MC78L08ABPG	MC78M05BDTRKG
MC78L08ABPRAG	MC78M05BDTRKG
MC78L08ABPRPG	MC78M05BDTRKG
MC78L08ACDR2G	MC78M05BDTRKG
MC78L08ACPG	MC78M05BDTRKG



MC78L08ACPRAG	MC78M05BDTRKG
MC78L08ABDR2G	MC78M05BDTRKG
MC78L08ABPG	MC78M05BDTRKG
MC78L08ABPRAG	MC78M05BDTRKG
MC78L08ABPRPG	MC78M05BDTRKG
MC78L08ACDR2G	MC78M05BDTRKG
MC78L08ACPG	MC78M05BDTRKG
MC78L08ACPRAG	MC78M05BDTRKG
MC78L08ACPRPG	MC78M05BDTRKG
MC78L08ACPRPG	MC78M05BDTRKG
MC78L09ABDR2G	MC78M05BDTRKG
MC78L09ABPRAG	MC78M05BDTRKG
MC78L09ABPRPG	MC78M05BDTRKG
MC78L09ACDR2G	MC78M05BDTRKG
MC78L09ACPG	MC78M05BDTRKG
MC78L12ABDR2G	MC78M05BDTRKG
MC78L12ABPG	MC78M05BDTRKG
MC78L12ABPRPG	MC78M05BDTRKG
MC78L12ACDR2G	MC78M05BDTRKG
MC78L12ACPG	MC78M05BDTRKG
MC78L12ACPRAG	MC78M05BDTRKG
MC78L12ACPRPG	MC78M05BDTRKG
MC78L12ACPRMG	MC78M05BDTRKG
MC78L12ACPRPG	MC78M05BDTRKG
MC78L15ABDR2G	MC78M05BDTRKG
MC78L15ABPG	MC78M05BDTRKG
MC78L15ABPRAG	MC78M05BDTRKG
MC78L15ABPRPG	MC78M05BDTRKG
MC78L15ACDR2G	MC78M05BDTRKG
MC78L15ACPG	MC78M05BDTRKG
MC78L15ACPRAG	MC78M05BDTRKG
MC78L15ACPRPG	MC78M05BDTRKG
MC78L18ABPG	MC78M05BDTRKG
MC78L18ACPG	MC78M05BDTRKG
MC78L15ABDR2G	MC78M05BDTRKG
MC78L18ACPRMG	MC78M05BDTRKG



MC78L18ACPRPG	MC78M05BDTRKG
MC78L18ACPRMG	MC78M05BDTRKG
MC78L18ACPRPG	MC78M05BDTRKG
MC78L24ABPG	MC78M05BDTRKG
MC78L24ACPG	MC78M05BDTRKG
MC78L24ACPRAG	MC78M05BDTRKG
MC78L24ACPRPG	MC78M05BDTRKG
MC78M05BDTG	MC78M05BDTRKG
MC78M05BDTRKG	MC78M05BDTRKG
MC78M05BDTT5G	MC78M05BDTRKG
MC78M05BTG	MC78M05BDTRKG
MC78M05CDTG	MC78M05BDTRKG
MC78M05CDTRKG	MC78M05BDTRKG
MC78M05CDTT5G	MC78M05BDTRKG
MC78M05CTG	MC78M05BDTRKG
MC78M06BDTRKG	MC78M05BDTRKG
MC78M06BTG	MC78M05BDTRKG
MC78M06CDTG	MC78M05BDTRKG
MC78M06CDTRKG	MC78M05BDTRKG
MC78M06CTG	MC78M05BDTRKG
MC78M08BDTG	MC78M05BDTRKG
MC78M08BDTRKG	MC78M05BDTRKG
MC78M08BTG	MC78M05BDTRKG
MC78M08CDTG	MC78M05BDTRKG
MC78M08CDTRKG	MC78M05BDTRKG
MC78M08CTG	MC78M05BDTRKG
MC78M09BDTG	MC78M05BDTRKG
MC78M09BDTRKG	MC78M05BDTRKG
MC78M09CDTG	MC78M05BDTRKG
MC78M09CDTRKG	MC78M05BDTRKG
MC78M09CTG	MC78M05BDTRKG
MC78M12BDTG	MC78M05BDTRKG
MC78M12BDTRKG	MC78M05BDTRKG
MC78M12BTG	MC78M05BDTRKG
MC78M12CDTG	MC78M05BDTRKG



MC78M12CDTRKG	MC78M05BDTRKG
MC78M12CDTT5G	MC78M05BDTRKG
MC78M12CTG	MC78M05BDTRKG
MC78M15BDTG	MC78M05BDTRKG
MC78M15BDTRKG	MC78M05BDTRKG
MC78M15BTG	MC78M05BDTRKG
MC78M15CDTG	MC78M05BDTRKG
MC78M15CDTRKG	MC78M05BDTRKG
MC78M15CDTT5G	MC78M05BDTRKG
MC78M15CTG	MC78M05BDTRKG
MC78M18BTG	MC78M05BDTRKG
MC78M18CDTG	MC78M05BDTRKG
MC78M18CDTRKG	MC78M05BDTRKG
MC78M18CTG	MC78M05BDTRKG
MC78M20CTG	MC78M05BDTRKG
MC78M24BTG	MC78M05BDTRKG
MC78M24CTG	MC78M05BDTRKG
MC1413BDR2G	MC1413BDR2G
MC1413DR2G	MC1413BDR2G
MC7805BD2TG	MC7805BDTRKG
MC7805BD2TR4G	MC7805BDTRKG
MC7805BDTG	MC7805BDTRKG
MC7805BDTRKG	MC7805BDTRKG
MC7805BTG	MC7805BDTRKG
MC7805CD2TG	MC7805BDTRKG
MC7805CD2TR4G	MC7805BDTRKG
MC7805CDTG	MC7805BDTRKG
MC7805CDTRKG	MC7805BDTRKG
MC7805CTG	MC7805BDTRKG
MC7806BD2TG	MC7805BDTRKG
MC7806BD2TR4G	MC7805BDTRKG
MC7806BTG	MC7805BDTRKG
MC7806CTG	MC7805BDTRKG
MC7808BD2TG	MC7805BDTRKG



MC7808BD2TR4G	MC7805BDTRKG
MC7808BDTG	MC7805BDTRKG
MC7808BDTRKG	MC7805BDTRKG
MC7808BTG	MC7805BDTRKG
MC7808CD2TG	MC7805BDTRKG
MC7808CD2TR4G	MC7805BDTRKG
MC7808CDTG	MC7805BDTRKG
MC7808CDTRKG	MC7805BDTRKG
MC7808CDTT5G	MC7805BDTRKG
MC7808CTG	MC7805BDTRKG
MC7809BTG	MC7805BDTRKG
MC7809CD2TG	MC7805BDTRKG
MC7809CD2TR4G	MC7805BDTRKG
MC7809CTG	MC7805BDTRKG
MC7812BD2TG	MC7805BDTRKG
MC7812BD2TR4G	MC7805BDTRKG
MC7812BDTG	MC7805BDTRKG
MC7812BDTRKG	MC7805BDTRKG
MC7812BTG	MC7805BDTRKG
MC7812CD2TG	MC7805BDTRKG
MC7812CD2TR4G	MC7805BDTRKG
MC7812CDTG	MC7805BDTRKG
MC7812CDTRKG	MC7805BDTRKG
MC7812CTG	MC7805BDTRKG
MC7815BD2TG	MC7805BDTRKG
MC7815BD2TR4G	MC7805BDTRKG
MC7815BDTG	MC7805BDTRKG
MC7815BDTRKG	MC7805BDTRKG
MC7815BTG	MC7805BDTRKG
MC7815CD2TG	MC7805BDTRKG
MC7815CD2TR4G	MC7805BDTRKG
MC7815CDTG	MC7805BDTRKG
MC7815CDTRKG	MC7805BDTRKG
MC7815CTG	MC7805BDTRKG



MC7818BTG	MC7805BDTRKG
MC7818CD2TR4G	MC7805BDTRKG
MC7818CTG	MC7805BDTRKG
MC33074ADR2G	MC33074ADR2G
SC224DR2G	MC33074ADR2G/MC7805BDTRKG
SC324ADR2G	MC33074ADR2G/MC7805BDTRKG
SC324DR2G	MC33074ADR2G/MC7805BDTRKG
SC7805CTG	MC7805BDTRKG
SC7812CTG	MC7805BDTRKG
SCD317BTG	LM317BD2TR4G
SCD7805BTG	MC7805BDTRKG
SCD7805CTG	MC7805BDTRKG
SCD7812BTG	MC7805BDTRKG
SCD7812CTG	MC7805BDTRKG
SCD7815BTG	MC7805BDTRKG
SCD7815CTG	MC7805BDTRKG
ULN2003ADR2G	MC1413BDR2G
ULQ2003ADR2G	MC1413BDR2G