




PCN Number:	20170629002 A	PCN Date:	Aug 21, 2017		
Title:	Transfer of select SLM devices from GFAB to FFAB Wafer Fab site				
Customer Contact:	PCN Manager	Dept:	Quality Services		
Proposed 1st Ship Date:	Nov 21, 2017	Estimated Sample Availability:	Date provided at sample request.		
Change Type:					
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Assembly Process		
<input type="checkbox"/>	Design	<input type="checkbox"/>	Assembly Materials		
<input type="checkbox"/>	Test Site	<input type="checkbox"/>	Electrical Specification		
<input type="checkbox"/>	Wafer Bump Site	<input type="checkbox"/>	Mechanical Specification		
<input checked="" type="checkbox"/>	Wafer Fab Site	<input type="checkbox"/>	Packing/Shipping/Labeling		
<input type="checkbox"/>		<input type="checkbox"/>	Test Process		
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Material		
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Process		
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Materials		
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Process		
<input type="checkbox"/>		<input type="checkbox"/>	Part number change		
PCN Details					
Description of Change:					
The purpose of this Rev A PCN is to add additional devices to the product affected section of this document. Additional devices are shown as bold with a yellow highlight.					
This change notification is to announce the transfer of select SLM devices from GFAB to the FFAB Wafer Fab site for the selected devices listed in the "Product Affected" section.					
Current Fab Site					
New Fab Site					
Current Fab Site	Process	Wafer Diameter	New Fab Site	Process	Wafer Diameter
GFAB6	SLM	150 mm	FFAB	SLM	200 mm
GFAB8	SLM	200 mm	FFAB	SLM	200 mm
Qual details are provided in the Qual Data Section.					
Reason for Change:					
GFAB closure					
Anticipated impact on Form, Fit, Function, Quality or Reliability (positive / negative):					
None					
Changes to product identification resulting from this PCN:					
Current:					
Current Chip Site	Chip Site Origin Code (20L)	Chip Site Country Code (21L)	Chip Site City		
GFAB6	GF6	GBR	Greenock		
GFAB8	GF8	GBR	Greenock		
New Fab Site:					
New Chip Site	Chip Site Origin Code (20L)	Chip Site Country Code (21L)	Chip Site City		
FR-BIP-1	TID	DEU	Freising		
Sample product shipping label (not actual product label)					
 MADE IN: Malaysia 2DC: 20:		 G4		(1P) SN74LS07NSR (Q) 2000 (D) 0336 (31T) LOT: 3959047MLA (4W) TKY (1T) 7523483S12 (P) (2P) REV: (V) 0033317 (20L) CSO: SHE (21L) CCO: USA (22L) ASO: MLA (23L) ACO: MYS	
MSL 2 /260C/1 YEAR SEAL DT MSL 1 /235C/UNLIM 03/29/04 OPT: ITEM: 39 LBL: 5A (L)T0:1750					

Product Affected:

DAC0800 MDC	LM2904N/SL161997	LM330T-5.0/NOPB	LM431CIZ/NOPB
DAC0800LCM	LM2907M	LM331AN/NOPB	LM4752TS/NOPB
DAC0800LCM/NOPB	LM2907M/NOPB	LM331N/NOPB	LM4755TSX/NOPB
DAC0800LCMX	LM2907M-8	LM335A MWC	LM555CM
DAC0800LCMX/NOPB	LM2907M-8/NOPB	LM335AM	LM555CM/NOPB
DAC0800LCN/NOPB	LM2907MX	LM335AM/NOPB	LM555CMM
DAC0802LCMX	LM2907MX/NOPB	LM335AMX	LM555CMM/NOPB
DAC0802LCMX/NOPB	LM2907MX-8/NOPB	LM335AMX/NOPB	LM555CMMX/NOPB
DAC0808LCM/NOPB	LM2907N/NOPB	LM335AZ/LFT1	LM555CMX
DAC0808LCMX/NOPB	LM2907N-8/NOPB	LM335AZ/NOPB	LM555CMX/NOPB
DAC0808LCN/NOPB	LM2917M/NOPB	LM335M	LM555CN/NOPB
DS26LS31C MWC	LM2917M-8	LM335M/NOPB	LM555-MWC
DS26LS31CM/NOPB	LM2917M-8/NOPB	LM335MX/NOPB	LM567CM/NOPB
DS26LS31CMX/NOPB	LM2917MX/NOPB	LM335Z/LFT7	LM567CMX/NOPB
DS26LS32C MWC	LM2917MX-8	LM335Z/NOPB	LM567CN/NOPB
DS3486M/NOPB	LM2917MX-8/NOPB	LM336-2.5 MDC	LM6511IM
DS3486MX/NOPB	LM2917N/NOPB	LM336-5 MWC	LM6511IM/NOPB
DS3668N/NOPB	LM2917N-8/NOPB	LM336BM-2.5/NOPB	LM6511IMX/NOPB
LDC3434MTE/NOPB	LM2931AM-5.0	LM336BM-5.0	LM675T
LDC3434MTX/NOPB	LM2931AM-5.0/NOPB	LM336BM-5.0/NOPB	LM675T/LF02
LDC83L37ACME/NOPB	LM2931AMX-5.0/NOPB	LM336BMX-2.5	LM675T/LF05
LDC83L37ACMX/NOPB	LM2931AMX-5.0/SL162905	LM336BMX-2.5/NOPB	LM675T/NOPB
LDC963ACM3/NOPB	LM2931AS-5.0	LM336BMX-5.0/NOPB	LM675T/SL108878
LDC963ACM3E/NOPB	LM2931AS-5.0/NOPB	LM336BZ-2.5/LFT7	LM741C-MWC
LDC963ACM3X/NOPB	LM2931ASX-5.0	LM336BZ-2.5/NOPB	LM741CN/NOPB
LDC963BIM3/NOPB	LM2931ASX-5.0/NOPB	LM336BZ-5.0/NOPB	LM741CN/S7001461
LDC963BIM3E/NOPB	LM2931AZ-5.0/LFT1	LM336M-2.5	LM747 MWC
LDC963BIM3X/NOPB	LM2931AZ-5.0/LFT3	LM336M-2.5/NOPB	LM78L05ACM
LDC963CIM3/NOPB	LM2931AZ-5.0/LFT4	LM336M-5.0	LM78L05ACM/NOPB
LDC963CIM3E/NOPB	LM2931AZ-5.0/NOPB	LM336M-5.0/NOPB	LM78L05ACMX
LDC963CIM3X/NOPB	LM2931CM	LM336MX-2.5	LM78L05ACMX/NOPB
LM10CLN/NOPB	LM2931CM/NOPB	LM336MX-2.5/NOPB	LM78L05ACZ/LFT1
LM10CN/NOPB	LM2931CMX	LM336MX-5.0	LM78L05ACZ/LFT3
LM10CWM	LM2931CMX/NOPB	LM336MX-5.0/NOPB	LM78L05ACZ/LFT4
LM10CWM/NOPB	LM2931CMX/SL162913	LM336Z-2.5/E7003095	LM78L05ACZ/LFT7
LM10CWMX/NOPB	LM2931CS	LM336Z-2.5/LFT1	LM78L05ACZ/NOPB
LM13700M	LM2931CS/NOPB	LM336Z-2.5/LFT3	LM78L05AIM/NOPB
LM13700M/NOPB	LM2931M-5.0	LM336Z-2.5/LFT7	LM78L05AIMX/NOPB
LM13700MX	LM2931M-5.0/NOPB	LM336Z-2.5/NOPB	LM78L05ITP/NOPB
LM13700MX/NOPB	LM2931MX-5.0	LM336Z-5.0/NOPB	LM78L05ITPX/NOPB
LM13700N/NOPB	LM2931MX-5.0/NOPB	LM337IMP	LM78L12ACM
LM1458 MWC	LM2931S-5.0/NOPB	LM337IMP/NOPB	LM78L12ACM/NOPB
LM1458M	LM2931T-5.0/NOPB	LM337IMPX	LM78L12ACMX
LM1458M/NOPB	LM2931Z-5.0/LFT1	LM337IMPX/NOPB	LM78L12ACMX/NOPB
LM1458MX	LM2931Z-5.0/LFT2	LM337LM	LM78L12ACZ/LFT3

LM1458MX/NOPB	LM2931Z-5.0/NOPB	LM337LM/NOPB	LM78L12ACZ/LFT4
LM1458N/NOPB	LM2936BM-3.3/NOPB	LM337LMX	LM78L12ACZ/LFT7
LM1815M	LM2936BM-5.0/NOPB	LM337LMX/NOPB	LM78L12ACZ/NOPB
LM1815M/NOPB	LM2936BMX-3.3/NOPB	LM337LZ/LFT3	LM78L15ACM
LM1815MX/E7001793	LM2936BMX-5.0/NOPB	LM337LZ/NOPB	LM78L15ACM/NOPB
LM1815MX/NOPB	LM2936DT-3.0/NOPB	LM337T	LM78L15ACMX
LM1815N/NOPB	LM2936DT-3.3/NOPB	LM337T/ELLI802	LM78L15ACMX/NOPB
LM1875T	LM2936DT-5.0	LM337T/LF01	LM78L15ACZ/LFT4
LM1875T/LB02	LM2936DT-5.0/NOPB	LM337T/NOPB	LM78L15ACZ/NOPB
LM1875T/LB03	LM2936DTX-3.3/NOPB	LM338T	LM78L62ACZ/NOPB
LM1875T/LB05	LM2936DTX-3.3/S5000397	LM338T/NOPB	LM78M05CDT
LM1875T/LF02	LM2936DTX-3.3/S7002479	LM339AM	LM78M05CDT/NOPB
LM1875T/LF03	LM2936DTX-5.0	LM339AM/NOPB	LM78M05CDTX
LM1875T/LF05	LM2936DTX-5.0/NOPB	LM339AMX	LM78M05CDTX/NOPB
LM1875T/NOPB	LM2936HVBMA-3.3	LM339AMX/NOPB	LM78M05CT
LM1875T/S7002160	LM2936HVBMA-3.3/NOPB	LM339AN/NOPB	LM78M05CT/NOPB
LM1875T/SL108949	LM2936HVBMA-5.0	LM339M	LM78S40CN/NOPB
LM1877MX-9/NOPB	LM2936HVBMA-5.0/NOPB	LM339M/NOPB	LM78S40N/NOPB
LM1881M	LM2936HVBMAX3.3	LM339MX	LM7905CT
LM1881M/NOPB	LM2936HVBMAX3.3/NOPB	LM339MX/NOPB	LM7905CT/NOPB
LM1881MX/NOPB	LM2936HVBMAX3.3/S7002470	LM339N/NOPB	LM7912CT
LM1881N/NOPB	LM2936HVBMAX5.0/NOPB	LM340LAZ-5.0/LFT4	LM7912CT/NOPB
LM1894MX/NOPB	LM2936HVMA-5.0	LM340LAZ-5.0/NOPB	LM7915CT
LM231AN/NOPB	LM2936HVMA-5.0/NOPB	LM341T-15/NOPB	LM7915CT/NOPB
LM231N/NOPB	LM2936HVMAX-5.0	LM341T-5.0	LM79L05ACM
LM2524DN/NOPB	LM2936HVMAX-5.0/NOPB	LM341T-5.0/NOPB	LM79L05ACM/NOPB
LM2577S-ADJ	LM2936M-3.0/NOPB	LM350A MWC	LM79L05ACMX
LM2577S-ADJ/NOPB	LM2936M-3.3	LM350AT	LM79L05ACMX/NOPB
LM2577SX-ADJ	LM2936M-3.3/NOPB	LM350AT/NOPB	LM79L05ACZ/LFT1
LM2577SX-ADJ/NOPB	LM2936M-5.0	LM350T	LM79L05ACZ/NOPB
LM2577SX-ADJ/S5001344	LM2936M-5.0/NOPB	LM350T/NOPB	LM79L12ACM
LM2577SX-ADJ/S5001804	LM2936M-5.0/SL162643	LM3524DM/NOPB	LM79L12ACM/NOPB
LM2577T-ADJ	LM2936MM-3.0/NOPB	LM3524DMX/NOPB	LM79L12ACMX
LM2577T-ADJ/J7002816	LM2936MM-3.3	LM3524DN/NOPB	LM79L12ACMX/NOPB
LM2577T-ADJ/LB03	LM2936MM-3.3/NOPB	LM3578AM	LM79L12ACZ/LFT4
LM2577T-ADJ/LF03	LM2936MM-5.0/NOPB	LM3578AM/NOPB	LM79L12ACZ/NOPB
LM2577T-ADJ/NOPB	LM2936MMX-3.3/NOPB	LM3578AMX	LM79L15ACM
LM2578AM	LM2936MMX-5.0	LM3578AMX/J7001347	LM79L15ACM/NOPB
LM2578AM/NOPB	LM2936MMX-5.0/NOPB	LM3578AMX/NOPB	LM79L15ACMX/NOPB
LM2578AMX/NOPB	LM2936MP-3.0/NOPB	LM3578AN/NOPB	LM833M
LM2578AN/NOPB	LM2936MP-3.3	LM358AM	LM833M/NOPB
LM2585S-12/NOPB	LM2936MP-3.3/NOPB	LM358AM/NOPB	LM833MM/NOPB
LM2585S-3.3/NOPB	LM2936MP-5.0	LM358AMX	LM833MMX/NOPB
LM2585S-5.0/NOPB	LM2936MP-5.0/NOPB	LM358AMX/NOPB	LM833MX/NOPB
LM2585S-ADJ	LM2936MPX-3.0/NOPB	LM358AN/NOPB	LM833N/NOPB
LM2585S-ADJ/NOPB	LM2936MPX-3.3/NOPB	LM358M	LM837MX/NOPB

LM2585SX-12/NOPB	LM2936MPX-5.0/NOPB	LM358M/NOPB	LM9036DT-5.0/NOPB
LM2585SX-5.0	LM2936MX-3.3/NOPB	LM358MX	LM9036DTX-5.0/NOPB
LM2585SX-5.0/NOPB	LM2936MX-5.0	LM358MX/NOPB	LM9036M-3.3/NOPB
LM2585SX-ADJ/NOPB	LM2936MX-5.0/ELDB1758	LM358N/NOPB	LM9036M-5.0
LM2585T-12/NOPB	LM2936MX-5.0/NAK1	LM358TP/NOPB	LM9036M-5.0/NOPB
LM2585T-3.3/NOPB	LM2936MX-5.0/NOPB	LM358TPX/NOPB	LM9036MM-3.3/NOPB
LM2585T-5.0/NOPB	LM2936MX-5.0/S7002394	LM359M	LM9036MM-5.0/NOPB
LM2585T-ADJ	LM2936MX-5.0/SL110245	LM359M/NOPB	LM9036MX-3.3/NAK2
LM2585T-ADJ/NOPB	LM2936Z-5.0/LFT1	LM359MX	LM9036MX-3.3/NOPB
LM2586S-12/NOPB	LM2936Z-5.0/LFT3	LM359MX/NOPB	LM9036MX-5.0/NAK1
LM2586S-3.3/NOPB	LM2936Z-5.0/LFT4	LM360M	LM9036MX-5.0/NOPB
LM2586S-5.0/NOPB	LM2936Z-5.0/NOPB	LM360M/NOPB	LM9044V/NOPB
LM2586S-ADJ	LM2937-80DCYR	LM360MX	LM9044VX/NOPB
LM2586S-ADJ/NOPB	LM2937-80KTTR	LM360MX/NAK2	LME49723MA/NOPB
LM2586SX-3.3/NOPB	LM2937ES-10/NOPB	LM360MX/NOPB	LME49723MAX/NOPB
LM2586SX-5.0/E7001891	LM2937ES-12	LM361M	LME49743MTX/NOPB
LM2586SX-5.0/NOPB	LM2937ES-12/NOPB	LM361M/NOPB	LP2902M
LM2586SX-ADJ	LM2937ES-15	LM361MX/NOPB	LP2902M/NOPB
LM2586SX-ADJ/NOPB	LM2937ES-15/NOPB	LM361N/NOPB	LP2902MX/E7001815
LM2586T-3.3/NOPB	LM2937ES-2.5/NOPB	LM380N/NOPB	LP2902MX/NOPB
LM2586T-5.0/NOPB	LM2937ES-3.3	LM380N-8/NOPB	LP2902N/NOPB
LM2586T-ADJ	LM2937ES-3.3/NOPB	LM384N/NOPB	LP2950ACZ-3.0/NOPB
LM2586T-ADJ/NOPB	LM2937ES-5.0	LM385-1.2-MWC	LP2950ACZ-3.3/NOPB
LM2587S-12/NOPB	LM2937ES-5.0/NOPB	LM385BM	LP2950ACZ-5.0/LFT1
LM2587S-3.3/NOPB	LM2937ES-8.0/NOPB	LM385BM/NOPB	LP2950ACZ-5.0/LFT3
LM2587S-5.0	LM2937ESX-12/NOPB	LM385BM-1.2	LP2950ACZ-5.0/LFT7
LM2587S-5.0/NOPB	LM2937ESX-15/ELLI942	LM385BM-1.2/NOPB	LP2950ACZ-5.0/NOPB
LM2587S-ADJ	LM2937ESX-15/NOPB	LM385BM-2.5/NOPB	LP2950CDT-3.0/NOPB
LM2587S-ADJ/NOPB	LM2937ESX-3.3	LM385BMX/NOPB	LP2950CDT-3.3
LM2587SX-12/NOPB	LM2937ESX-3.3/NOPB	LM385BMX-1.2	LP2950CDT-3.3/NOPB
LM2587SX-5.0/NOPB	LM2937ESX-3.3/S7001830	LM385BMX-1.2/NOPB	LP2950CDT-5.0/NOPB
LM2587SX-ADJ	LM2937ESX-5.0	LM385BMX-2.5	LP2950CDTX-3.0/NOPB
LM2587SX-ADJ/NOPB	LM2937ESX-5.0/E5000842	LM385BMX-2.5/NOPB	LP2950CDTX-3.3/NOPB
LM2587T-12/NOPB	LM2937ESX-5.0/NOPB	LM385BXM-1.2/NOPB	LP2950CDTX-5.0
LM2587T-3.3/NOPB	LM2937ESX-8.0/E7001854	LM385BXM-2.5	LP2950CDTX-5.0/NOPB
LM2587T-5.0/NOPB	LM2937ESX-8.0/NOPB	LM385BXM-2.5/NOPB	LP2950CZ-3.0/NOPB
LM2587T-ADJ	LM2937ESX-8.0/S5000508	LM385BXM-1.2/NOPB	LP2950CZ-3.3/LFT3
LM2587T-ADJ/NOPB	LM2937ET-10/NOPB	LM385BXM-2.5/NOPB	LP2950CZ-3.3/NOPB
LM2587T-ADJ/SL110726	LM2937ET-12	LM385BXZ/NOPB	LP2950CZ-5.0/LFT1
LM2588-5.0-MWC	LM2937ET-12/NOPB	LM385BXZ-1.2/NOPB	LP2950CZ-5.0/LFT3
LM2588S-12/NOPB	LM2937ET-15	LM385BXZ-2.5/NOPB	LP2950CZ-5.0/LFT7
LM2588S-3.3/NOPB	LM2937ET-15/NOPB	LM385BYM-1.2/NOPB	LP2950CZ-5.0/NOPB
LM2588S-5.0/NOPB	LM2937ET-2.5/NOPB	LM385BYM-2.5/NOPB	LP2951ACM
LM2588S-ADJ	LM2937ET-3.3	LM385BYMX-1.2/NOPB	LP2951ACM/NOPB
LM2588S-ADJ/NOPB	LM2937ET-3.3/NOPB	LM385BYMX-2.5/NOPB	LP2951ACM-3.0/NOPB
LM2588SX-12/NOPB	LM2937ET-5.0	LM385BYZ/NOPB	LP2951ACM-3.3

LM2588SX-3.3/NOPB	LM2937ET-5.0/ELDB1676	LM385BYZ-1.2/NOPB	LP2951ACM-3.3/NOPB
LM2588SX-5.0/NOPB	LM2937ET-5.0/NOPB	LM385BYZ-2.5/NOPB	LP2951ACMM
LM2588SX-ADJ/NOPB	LM2937ET-8.0	LM385BZ/NOPB	LP2951ACMM/NOPB
LM2588T-3.3/NOPB	LM2937ET-8.0/NOPB	LM385BZ-1.2/NOPB	LP2951ACMM-3.0
LM2588T-5.0/NOPB	LM2937IMP-10	LM385BZ-2.5/LFT7	LP2951ACMM-3.0/NOPB
LM2588T-ADJ	LM2937IMP-10/NOPB	LM385BZ-2.5/NOPB	LP2951ACMM-3.3
LM2588T-ADJ/NOPB	LM2937IMP-12	LM385M	LP2951ACMM-3.3/NOPB
LM285BXM-1.2	LM2937IMP-12/NOPB	LM385M/NOPB	LP2951ACMMX/NOPB
LM285BXM-1.2/NOPB	LM2937IMP-2.5/NOPB	LM385M-1.2	LP2951ACMMX-3.0/NOPB
LM285BXM-2.5	LM2937IMP-3.3	LM385M-1.2/NOPB	LP2951ACMMX-3.3/NOPB
LM285BXM-2.5/NOPB	LM2937IMP-3.3/NOPB	LM385M-2.5/NOPB	LP2951ACMX
LM285BXM-1.2/NOPB	LM2937IMP-5.0	LM385MX	LP2951ACMX/E7001866
LM285BXM-2.5/NOPB	LM2937IMP-5.0/NOPB	LM385MX/NOPB	LP2951ACMX/NOPB
LM285BXZ/NOPB	LM2937IMP-8.0/NOPB	LM385MX-1.2/NOPB	LP2951ACMX/S7002305
LM285BXZ-1.2/LFT4	LM2937IMPX-10/NOPB	LM385MX-2.5/NOPB	LP2951ACMX-3.0/NOPB
LM285BXZ-1.2/NOPB	LM2937IMPX-12/NOPB	LM385Z/NOPB	LP2951ACMX-3.3/NOPB
LM285BXZ-2.5/NOPB	LM2937IMPX-15/NOPB	LM385Z-1.2/LFT3	LP2951ACN/NOPB
LM285BYM	LM2937IMPX-2.5/NOPB	LM385Z-1.2/LFT4	LP2951ACSD
LM285BYM/NOPB	LM2937IMPX-3.3	LM385Z-1.2/NOPB	LP2951ACSD/NOPB
LM285BYM-1.2/NOPB	LM2937IMPX-3.3/NOPB	LM385Z-2.5/LFT1	LP2951ACSDX/NOPB
LM285BYM-2.5/NOPB	LM2937IMPX-5.0/NOPB	LM385Z-2.5/LFT2	LP2951ACSDX-3.3/NOPB
LM285BYMX/NOPB	LM2937IMPX-8.0	LM385Z-2.5/LFT3	LP2951CM
LM285BYMX-1.2/NOPB	LM2937IMPX-8.0/NOPB	LM385Z-2.5/NOPB	LP2951CM/NOPB
LM285BYMX-2.5/NOPB	LM2990S-12	LM386M-1/NOPB	LP2951CM-3.0/NOPB
LM285BYZ/NOPB	LM2990S-12/NOPB	LM386MMX-1/NOPB	LP2951CM-3.3
LM285BYZ-2.5/NOPB	LM2990S-15	LM386MX-1/NOPB	LP2951CM-3.3/NOPB
LM285M/NOPB	LM2990S-15/NOPB	LM386N-1/NOPB	LP2951CMM
LM285M-1.2/NOPB	LM2990S-5.0	LM386N-1/S7001335	LP2951CMM/NOPB
LM285M-2.5	LM2990S-5.0/NOPB	LM386N-3/NOPB	LP2951CMM-3.0/NOPB
LM285M-2.5/NOPB	LM2990SX-12	LM386N-4/NOPB	LP2951CMM-3.3/NOPB
LM285MX/NOPB	LM2990SX-12/NOPB	LM3914V/NOPB	LP2951CMMX
LM285MX-1.2	LM2990SX-15	LM3914VX/NOPB	LP2951CMMX/J7000701
LM285MX-1.2/NOPB	LM2990SX-15/NOPB	LM392M	LP2951CMMX/NOPB
LM285MX-2.5/NOPB	LM2990SX-5.0	LM392M/NOPB	LP2951CMMX-3.0/NOPB
LM285Z/NOPB	LM2990SX-5.0/NOPB	LM392MX/E7001992	LP2951CMMX-3.3
LM285Z-1.2/NOPB	LM2990T-12	LM392MX/NOPB	LP2951CMMX-3.3/J7002896
LM285Z-2.5/LFT7	LM2990T-12/NOPB	LM392N/NOPB	LP2951CMMX-3.3/NOPB
LM285Z-2.5/NOPB	LM2990T-15	LM393 MDC	LP2951CMX/E5002366
LM2901 MWA	LM2990T-15/NOPB	LM393M	LP2951CMX/E7002608
LM2901M	LM2990T-5.0	LM393M/NOPB	LP2951CMX/ELDB1943
LM2901M/ELLD606	LM2990T-5.0/NOPB	LM393MX	LP2951CMX/J7000697
LM2901M/ELLI520	LM2990T-5.2/NOPB	LM393MX/NOPB	LP2951CMX/JL860050
LM2901M/NOPB	LM2991 MWC	LM393N/NOPB	LP2951CMX/NAK2
LM2901M/SL161623	LM2991S	LM393TL/NOPB	LP2951CMX/NOPB
LM2901-MDA	LM2991S/NOPB	LM393TLX/NOPB	LP2951CMX/SL109753
LM2901MX	LM2991SX	LM395T	LP2951CMX-3.0/NOPB

LM2901MX/E7000692	LM2991SX/NOPB	LM395T/ELLI326	LP2951CMX-3.3/NOPB
LM2901MX/ELLI956	LM2991T	LM395T/NOPB	LP2951CN/NOPB
LM2901MX/NAK1	LM2991T/LB03	LM431ACM	LP2951CSD/NOPB
LM2901MX/NOPB	LM2991T/LF03	LM431ACM/NOPB	LP2951CSD-3.0/NOPB
LM2901N/NOPB	LM2991T/NOPB	LM431ACM3/NOPB	LP2951CSD-3.3/NOPB
LM2902M	LM301A-MWC	LM431ACM3X	LP2951CSDX/NOPB
LM2902M/ELLI821	LM3046 MDC	LM431ACM3X/NOPB	LP2951CSDX-3.3/NOPB
LM2902M/NOPB	LM311M	LM431ACM3X/S7000729	LP2952AIM
LM2902MT	LM311M/NOPB	LM431ACMX/NOPB	LP2952AIM/NOPB
LM2902MT/NOPB	LM311-MWC	LM431ACZ/LFT3	LP2952AIMX/NOPB
LM2902MTX/NOPB	LM311MX	LM431ACZ/LFT4	LP2952IM
LM2902MX	LM311MX/NOPB	LM431ACZ/NOPB	LP2952IM/NOPB
LM2902MX/E7001807	LM311N/NOPB	LM431AIM	LP2952IMX/NOPB
LM2902MX/E7002681	LM317MDT/NOPB	LM431AIM/NOPB	LP2953AIM/NOPB
LM2902MX/ELLI957	LM317MDTX/NOPB	LM431AIM3	LP2953AIMX/NOPB
LM2902MX/NAK2	LM318M	LM431AIM3/NOPB	LP2953IM
LM2902MX/NOPB	LM318M/NOPB	LM431AIM3X/NOPB	LP2953IM/NOPB
LM2902N/NOPB	LM318-MWCX	LM431AIMX/NOPB	LP2953IMX/NOPB
LM2903ITL/NOPB	LM318MX/NOPB	LM431AIZ/LFT1	LP2954AIM
LM2903ITLX/NOPB	LM318N/NOPB	LM431AIZ/NOPB	LP2954AIM/NOPB
LM2903M	LM319 MWA	LM431BCM/NOPB	LP2954AIMX/NOPB
LM2903M/NOPB	LM319AM	LM431BCM3	LP2954IM
LM2903MX/ELLI958	LM319AM/NOPB	LM431BCM3/NOPB	LP2954IM/NOPB
LM2903MX/J7001500	LM319AMX/NOPB	LM431BCM3X/NOPB	LP2954IMX/NOPB
LM2903MX/NAK1	LM319M	LM431BCM3X/NOPB	LP324M
LM2903MX/NOPB	LM319M/NOPB	LM431BCZ/NOPB	LP324M/NOPB
LM2903MX/S5000556	LM319MX/NAK2	LM431BIM	LP324MT/NOPB
LM2903MX/S5001230	LM319MX/NOPB	LM431BIM/NOPB	LP324MTX/NOPB
LM2903N/NOPB	LM319N/NOPB	LM431BIM3	LP324MX/NOPB
LM2903N/SL161072	LM320T-15	LM431BIM3/NOPB	LP324N/NOPB
LM2904 MWC	LM320T-15/NOPB	LM431BIM3X	LP339M
LM2904 MWC/MCD0950A	LM324 MWA	LM431BIM3X/NOPB	LP339M/NOPB
LM2904 MWC/MCD1320A	LM324AM	LM431BIMX/NOPB	LP339MX
LM2904ITP/NOPB	LM324AM/NOPB	LM431CCM/NOPB	LP339MX/NOPB
LM2904ITPX/NOPB	LM324AMX	LM431CCM3/NOPB	LP339N/NOPB
LM2904M/ELLI563	LM324AMX/NOPB	LM431CCM3X	LP4951CM/NOPB
LM2904M/NOPB	LM324AN/NOPB	LM431CCM3X/NOPB	LP4951CMX/NAK2
LM2904M/SL161106	LM324M	LM431CCZ/NOPB	LP4951CMX/NOPB
LM2904MX	LM324M/NOPB	LM431CIM	MPD23776FK
LM2904MX/E7002704	LM324MT/NOPB	LM431CIM/NOPB	SM72238TD-3.3/NOPB
LM2904MX/ELLI884	LM324MTX	LM431CIM3	SM72238TD-5.0/NOPB
LM2904MX/ELLI959	LM324MTX/NOPB	LM431CIM3/NOPB	SM72238TDE-3.3/NOPB
LM2904MX/NAK1	LM324MX	LM431CIM3X	SM72238TDE-5.0/NOPB
LM2904MX/NOPB	LM324MX/NOPB	LM431CIM3X/NOPB	SM72238TDX-3.3/NOPB
LM2904N/NOPB	LM324N/NOPB	LM431CIZ/J7002806	SM72238TDX-5.0/NOPB
LM2904N/S5000653			

**Automotive New Product Qualification Summary
(As per AEC-Q100 and JEDEC Guidelines)**

**New process qualification in FFAB on SLM process - LM2587T-ADJ/NOPB (Implant Resistor Module)
Approved 27-Jun-2017**

Product Attributes

Attributes	Qual Device: LM2587T-ADJ/NOPB	QBS Process Reference: LM2576HVT-5.0/NOPB
Assembly Site	TIEM-AT	TIEM-AT
Package Type	TO-220	TO-220
Wafer Fab Supplier	FFAB	FFAB
Wafer Fab Process	SLM	SLM

- QBS: Qual By Similarity

- Qual Device LM2587T-ADJ/NOPB is qualified at LEVEL1- 260CG

Qualification Results

Data Displayed as: Number of lots / Total sample size / Total failed

Type	#	Test Spec	Min Lot Qty	SS/Lot	Test Name / Condition	Duration	Qual Device: LM2587T-ADJ/NOPB	QBS Process Reference: LM2576HVT-5.0/NOPB
Test Group A – Accelerated Environment Stress Tests								
HAST	A2	JEDEC JESD22-A110	3	77	Biased HAST, 130C/85%RH	96 Hours	-	3/231/0
AC	A3	JEDEC JESD22-A102	3	77	Autoclave 121C	96 Hours	-	3/231/0
TC	A4	JEDEC JESD22-A104 and Appendix 3	3	77	Temperature Cycle, -55/150C	1000 Cycles	-	3/231/0
TC-BP	A4	MIL-STD883 Method 2011	1	30	Post Temp. Cycle Bond Pull	Wires	-	3/30/0
PTC	A5	JEDEC JESD22-A105	1	45	Power Temperature Cycle	1000 Cycles	-	N/A
HTSL	A6	JEDEC JESD22-A103	1	45	High Temp Storage Bake 150C	1000 Hours	-	3/231/0
Test Group B – Accelerated Lifetime Simulation Tests								
HTOL	B1	JEDEC JESD22-A108	3	77	Life Test, 125C	1000 Hours	1/77/0	3/231/0
ELFR	B2	AEC Q100-008	3	800	Early Life Failure Rate, 125C	48 Hours	-	3/2400/0
EDR	B3	AEC Q100-005	3	77	NVM Endurance, Data Retention, and Operational Life	-	N/A	N/A
Test Group C – Package Assembly Integrity Tests								
WBS	C1	AEC Q100-001	1	30	Wire Bond Shear (Cpk>1.67)	Wires	1/30/0	1/30/0
WBP	C2	MIL-STD883 Method 2011	1	30	Wire Bond Pull (Cpk>1.67)	Wires	1/30/0	1/30/0
SD	C3	JEDEC JESD22-B102	1	15	Solderability >95% Lead Coverage	Pb Free	-	1/15/0
SD	C3	JEDEC JESD22-B102	1	15	Solderability >95% Lead Coverage	Pb	-	1/15/0
PD	C4	JEDEC JESD22-B100 and B108	3	10	Physical Dimensions (Cpk>1.67)	-	-	3/30/0
Test Group D – Die Fabrication Reliability Tests								
EM	D1	JESD61	-	-	Electromigration	-	-	-
TDDB	D2	JESD35	-	-	Time Dependant Dielectric Breakdown	-	-	-
HCI	D3	JESD60 & 28	-	-	Hot Injection Carrier	-	-	-
NBTI	D4	-	-	-	Negative Bias Temperature Instability	-	-	-
SM	D5	-	-	-	Stress Migration	-	-	-
Test Group E – Electrical Verification Tests								
HBM	E2	AEC Q100-002	1	3	ESD - HBM	2500V	1/3/0	3/9/0
CDM	E3	AEC Q100-011	1	3	ESD - CDM	750V	1/3/0	3/9/0
LU	E4	AEC Q100-004	1	6	Latch-up	(Per AEC-Q100-004)	1/6/0	3/18/0
ED	E5	AEC Q100-009	3	30	Electrical Distributions	Cpk>1.67 Room, hot, and cold test	1/30/0	3/90/0

Ambient Operating Temperature by Automotive Grade Level:

Grade 0 (or E): -40°C to +150°C

Grade 1 (or Q): -40°C to +125°C

Grade 2 (or T): -40°C to +105°C

Grade 3 (or I): -40°C to +85°C

E1 (TEST): Electrical test temperatures of Qual samples (High temperature according to Grade level):
 Room/Hot/Cold: HTOL, ED
 Room/Hot: THB/HAST, TC / PTC, HTSL, ELFR, ESD & LU
 Room: AC/uHAST

Green/Pb-free Status:
 Qualified Pb-Free (SMT) and Green

Automotive New Product Qualification Summary (As per AEC-Q100 and JEDEC Guidelines)

**New process qualification in FFAB on SLM process – LP2951ACM/NOPB Adjustable Micropower Voltage Regulators
 Approved 01-Aug-2017**

Product Attributes

Attributes	Qual Device: LP2951ACM/NOPB	QBS Process Reference: LM2576HVT-5.0/NOPB
Assembly Site	TIEM-AT	TIEM-AT
Package Type	SOIC	TO-220
Wafer Fab Supplier	FFAB	FFAB
Wafer Fab Process	SLM	SLM

- QBS: Qual By Similarity
 - Qual Device LP2951ACM/NOPB is qualified at LEVEL1-260C

Qualification Results

Data Displayed as: Number of lots / Total sample size / Total failed

Type	#	Test Spec	Min Lot Qty	SS/Lot	Test Name / Condition	Duration	Qual Device: LP2951ACM/NOPB	QBS Process Reference: LM2576HVT-5.0/NOPB
Test Group A – Accelerated Environment Stress Tests								
PC	A1	JEDEC J-STD-020 JESD22-A113	3	77	Automotive Preconditioning	Level 1-260C	3/720/0	-
HAST	A2	JEDEC JESD22-A110	3	77	Biased HAST, 130C/85%RH	96HRS	3/231/0	-
AC	A3	JEDEC JESD22-A102	3	77	Autoclave 121C	96HRS	3/231/0	-
TC	A4	JEDEC JESD22-A104 and Appendix 3	3	77	Temperature Cycle, -65/150C	500CYC	3/231/0	-
TC-BP	A4	MIL-STD883 Method 2011	1	30	Post Temp. Cycle Bond Pull	-	1/30/0	-

Type	#	Test Spec	Min Lot Qty	SS/Lot	Test Name / Condition	Duration	Qual Device: LP2951ACM/NOPB	QBS Process Reference: LM2576HVT-5.0/NOPB
PTC	A5	JEDEC JESD22-A105	1	45	Power Temperature Cycle	1000 Cycles	N/A	-
HTSL	A6	JEDEC JESD22-A103	1	45	High Temp Storage Bake 150C	1000 Hours	-	3/231/0
Test Group B – Accelerated Lifetime Simulation Tests								
HTOL	B1	JEDEC JESD22-A108	3	77	Life Test, 125C	1000 Hours	3/231/0	-
ELFR	B2	AEC Q100-008	3	800	Early Life Failure Rate, 125C	48 Hours	-	3/2400/0
EDR	B3	AEC Q100-005	3	77	NVM Endurance, Data Retention, and Operational Life	-	N/A	-
Test Group C – Package Assembly Integrity Tests								
WBS	C1	AEC Q100-001	1	30	Wire Bond Shear (Cpk>1.67)	Wires	1/30/0	-
WBP	C2	MIL-STD883 Method 2011	1	30	Wire Bond Pull (Cpk>1.67)	Wires	1/30/0	-
SD	C3	JEDEC JESD22-B102	1	15	Surface Mount Solderability >95% Lead Coverage	Pb	1/15/0	-
SD	C3	JEDEC JESD22-B102	1	15	Surface Mount Solderability >95% Lead Coverage	Pb-Free	1/15/0	-
PD	C4	JEDEC JESD22-B100 and B108	3	10	Physical Dimensions (Cpk>1.67)	-	3/30/0	-
SBS	C5	AEC Q100-010	3	50	Solder Ball Shear (Cpk>1.67)	Post HTSL/Bump	-	-
SBS	C5	AEC Q100-010	3	50	Solder Ball Shear (Cpk>1.67)	Solder Balls	-	-
Test Group D – Die Fabrication Reliability Tests								
EM	D1	JESD61	-	-	Electromigration	-	-	-
TDDDB	D2	JESD35	-	-	Time Dependent Dielectric Breakdown	-	-	-
HCI	D3	JESD60 & 28	-	-	Hot Injection Carrier	-	-	-
NBTI	D4	-	-	-	Negative Bias Temperature Instability	-	-	-
SM	D5	-	-	-	Stress Migration	-	-	-
Test Group E – Electrical Verification Tests								
HBM	E2	AEC Q100-002	1	3	ESD - HBM - Q100	1000V	1/3/0	-
CDM	E3	AEC Q100-011	1	3	ESD - CDM - Q100	1250V	1/3/0	-
LU	E4	AEC Q100-004	1	6	Latch-up	(Per AEC-Q100-004)	1/6/0	-

Type	#	Test Spec	Min Lot Qty	SS/Lot	Test Name / Condition	Duration	Qual Device: LP2951ACM/NOPB	QBS Process Reference: LM2576HVT-5.0/NOPB
ED	E5	AEC Q100-009	3	30	Electrical Distributions	Cpk>1.67	3/90/0	-

A1 (PC): Preconditioning:

Performed for THB, Biased HAST, AC, uHAST & TC samples, as applicable.

Ambient Operating Temperature by Automotive Grade Level:

Grade 0 (or E): -40°C to +150°C
Grade 1 (or Q): -40°C to +125°C
Grade 2 (or T): -40°C to +105°C
Grade 3 (or I): -40°C to +85°C

E1 (TEST): Electrical test temperatures of Qual samples (High temperature according to Grade level):

Room/Hot/Cold: HTOL, ED
Room/Hot: THB/HAST, TC / PTC, HTSL, ELFR, ESD & LU
Room: AC/uHAST

Green/Pb-free Status:

Qualified Pb-Free (SMT) and Green

For questions regarding this notice, e-mails can be sent to the regional contacts shown below, or you can contact your local Field Sales Representative.

Location	E-Mail
USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
Japan	PCNJapanContact@list.ti.com