PCN # 1702N DATE: May 22, 2018

EXPECTED PCN SHIP DATE: May 22, 2018



Quality Assurance 160 Rio Robles San Jose, CA 95134

www.maximintegrated.com

PROCESS CHANGE NOTICE XPRODUCT CHANGE NOTICE

MAXIM INTEGRATED HEREBY ISSUES NOTIFICATION OF CHANGE THAT MAY AFFECT THE FOLLOWING CATEGORIES:

DESIGN	WAFER FAB	X ASSEMBL	Y	TEST	ELEC/MECH SPECS
		AFFECTED	PRODUCT	<u>`:</u>	
Ordering P/N: (See PN listing XLS in PCN ZIP file)					
CHANGE FROM: -			CHANGE	ТО: -	
Maxim products in SC	DIC(N) package manufactur	ed at current	Additional	Assembler Greatek	in Taiwan/R.O.C.
subcontractor					
JUSTIFICATION: -					
Maxim has selected Greatek to expand assembly capacity. Greatek is an established assembly subcontractor and is certified under					
QS 9000, ISO/TS 16949, ISO 14001 and Sony Green Partner.					
This new partnership will enhance Maxim's Supply-Chain to meet capacity demands, flexibility and on-time delivery.					
Qualification results are reflected in Maxim's Reliability report attached (R29114CQ).					
There are no changes to the form, fit, function or quality of the devices.					
TRACEABILITY: M	axim Integrated maintains fu	ull traceability by	y device mar	king, packaging lat	bels and shipment documents.

Maxim Integrated's Change Notification System is designed to keep our customer base apprised of major product, manufacturing, or facility improvements.

or

Nasser Ali Chaouche

Nasser AliChaouche / PCN Coordinator

For further information, please contact either of the people listed below.

Contact your local Maxim Integrated Company Representative

Nasser AliChaouche, PCN Coordinator 408-601-5660 / pcn.coordinator@maximintegrated.com

Affected product numbers	Customer part number	PCN Proposed Ship Date
DG411CY+		22-MAY-2018
DG411CY+T		22-MAY-2018
DG412CY+		22-MAY-2018
DG412CY+T		22-MAY-2018
DG412MY/PR+		22-MAY-2018
DG412MY/PR+T		22-MAY-2018
DG413MY/PR+		22-MAY-2018
DG413MY/PR+T		22-MAY-2018
DG417DY+		22-MAY-2018
DG417DY+T		22-MAY-2018
DG417LDY+		22-MAY-2018
DG417LDY+T		22-MAY-2018
DG418DY+		22-MAY-2018
DG418DY+T		22-MAY-2018
DS1077LZ-50+		22-MAY-2018
DS1077Z-100+		22-MAY-2018
DS1077Z-100+T&R		22-MAY-2018
DS1077Z-120+		22-MAY-2018
DS1077Z-120+T&R		22-MAY-2018
DS1086Z+		22-MAY-2018
DS1086Z+T&R		22-MAY-2018
DS1100LZ-45+		22-MAY-2018
DS1100LZ-45+T		22-MAY-2018
DS1135Z-10+		22-MAY-2018
DS1135Z-10+T&R		22-MAY-2018
DS1302ZN+		22-MAY-2018
DS1302ZN+T&R		22-MAY-2018
DS1338Z-18+		22-MAY-2018
DS1338Z-18+T&R		22-MAY-2018
DS1340Z-18+		22-MAY-2018
DS1340Z-3+		22-MAY-2018
DS1340Z-3+T&R		22-MAY-2018
DS1388Z-5+		22-MAY-2018

DS1706RESA+	22-MAY-2018
DS1706RESA+T&R	22-MAY-2018
DS1708ESA+	22-MAY-2018
DS1708ESA+T&R	22-MAY-2018
DS1708SESA+	22-MAY-2018
DS1708SESA+T&R	22-MAY-2018
DS1708TESA+	22-MAY-2018
DS1708TESA+T&R	22-MAY-2018
DS1803Z-050+	22-MAY-2018
DS1803Z-050+T&R	22-MAY-2018
DS1803Z-100+	22-MAY-2018
DS1803Z-100+T&R	22-MAY-2018
DS1809Z-010+	22-MAY-2018
DS1809Z-010+C	22-MAY-2018
DS1809Z-010+T&R	22-MAY-2018
DS1809Z-050+	22-MAY-2018
DS1831AS+	22-MAY-2018
DS1831AS+T&R	22-MAY-2018
DS2502S+	22-MAY-2018
DS2502S+T&R	22-MAY-2018
DS2715Z+	22-MAY-2018
DS2715Z+T&R	22-MAY-2018
DS28E04S-224-BB+T	22-MAY-2018
ICL7665CSA+	22-MAY-2018
ICL7665CSA+T	22-MAY-2018
ICL7667CBA+	22-MAY-2018
ICL7667CBA+T	22-MAY-2018
ICL7667EBA+	22-MAY-2018
ICL7667EBA+T	22-MAY-2018
LM75BIM-3+	22-MAY-2018
MAX1085BCSA+	22-MAY-2018
MAX1085BCSA+T	22-MAY-2018
MAX1232ESA+	22-MAY-2018
MAX1232ESA+T	22-MAY-2018

ΜΔΧ12ΔΩΔΕSΔ+	22-MAY-2018
ΜΔΧ1240ΑΕSΔ+Τ	22-MAY-2010
ΜΔΧ1241ΔΕSΔ+	22-MAY-2018
ΜΔΧ12/1ΔΕSΔ+Τ	22-MAY-2018
ΜΔΧ1241ΑΕ3Α+	22-MAY 2010
ΜΔΧ1241BCSA+T	22-MAY-2018
MAX1241BESA+	22-MAY-2018
MAX1241BESA+T	22-MAY-2018
MAX1241CCSA+	22-MAY-2018
MAX1241CCSA+T	22-MAY-2018
MAX1242BCSA+	22-MAY-2018
MAX1242BCSA+T	22-MAY-2018
MAX1285BCSA+	22-MAY-2018
MAX1285BCSA+T	22-MAY-2018
MAX13020ASA+	22-MAY-2018
MAX13020ASA+T	22-MAY-2018
MAX13021ASA+	22-MAY-2018
MAX13021ASA+T	22-MAY-2018
MAX13080ECSD+	22-MAY-2018
MAX13080ECSD+T	22-MAY-2018
MAX13082EASA+	22-MAY-2018
MAX13082EASA+T	22-MAY-2018
MAX13083EESD+	22-MAY-2018
MAX13083EESD+T	22-MAY-2018
MAX13085ECSA+	22-MAY-2018
MAX13085ECSA+T	22-MAY-2018
MAX13085EESA+	22-MAY-2018
MAX13085EESA+T	22-MAY-2018
MAX13087EASA+	22-MAY-2018
MAX13087EASA+T	22-MAY-2018
MAX13089EESD+	22-MAY-2018
MAX13089EESD+T	22-MAY-2018
MAX13485EESA+	22-MAY-2018
MAX13485EESA+T	22-MAY-2018

MAX13486EESA+	22-MAY-2018
MAX13486EESA+T	22-MAY-2018
MAX13487EESA+	22-MAY-2018
MAX13487EESA+T	22-MAY-2018
MAX14770EESA+	22-MAY-2018
MAX14770EESA+T	22-MAY-2018
MAX14775EASA+	22-MAY-2018
MAX14775EASA+T	22-MAY-2018
MAX14776EASA+	22-MAY-2018
MAX14776EASA+T	22-MAY-2018
MAX14782EASA+	22-MAY-2018
MAX14782EASA+T	22-MAY-2018
MAX14783EASA+	22-MAY-2018
MAX14783EASA+T	22-MAY-2018
MAX14786EASD+	22-MAY-2018
MAX14786EASD+T	22-MAY-2018
MAX14789EGSA+	22-MAY-2018
MAX14789EGSA+T	22-MAY-2018
MAX14789EGSA+TCJS	22-MAY-2018
MAX1482CSD+	22-MAY-2018
MAX1482CSD+T	22-MAY-2018
MAX1482ESD+	22-MAY-2018
MAX1482ESD+T	22-MAY-2018
MAX1483CSA+	22-MAY-2018
MAX1483CSA+T	22-MAY-2018
MAX14841EASA+	22-MAY-2018
MAX14841EASA+T	22-MAY-2018
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MAX14883EASA+T	22-MAY-2018
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MAX1562ESA+T	22-MAY-2018
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MAX1649CSA+T	22-MAY-2018
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MAX1653ESE+T	22-MAY-2018
MAX250ESD+	22-MAY-2018
MAX250ESD+T	22-MAY-2018
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MAX292ESA+T	22-MAY-2018
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MAX3057ASA+	22-MAY-2018
MAX3057ASA+T	22-MAY-2018
MAX3059ASA+	22-MAY-2018
MAX3059ASA+T	22-MAY-2018
MAX3070EASD+	22-MAY-2018
MAX3070EASD+T	22-MAY-2018
MAX3074EESA+	22-MAY-2018
MAX3074EESA+T	22-MAY-2018
MAX3075EASA+	22-MAY-2018
MAX3075EASA+T	22-MAY-2018
MAX3076EASD+	22-MAY-2018
MAX3076EASD+T	22-MAY-2018
MAX3077EASA+	22-MAY-2018
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MAX3077EASA+T	22-MAY-2018
MAX3079EASD+	22-MAY-2018
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MAX3084CSA+T	22-MAY-2018
MAX3084EESA+	22-MAY-2018
MAX3084EESA+T	22-MAY-2018
MAX3084ESA+	22-MAY-2018
MAX3084ESA+T	22-MAY-2018
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MAX3085ECSA+T	22-MAY-2018
MAX3085ESA+	22-MAY-2018
MAX3085ESA+T	22-MAY-2018
MAX3085ESA+TG002	22-MAY-2018
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MAX31855EASA+T	22-MAY-2018
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MAX31855JASA+T	22-MAY-2018
MAX31855RASA+	22-MAY-2018
MAX31855RASA+T	22-MAY-2018
MAX318CSA+	22-MAY-2018
MAX318CSA+T	22-MAY-2018
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MAX320CSA+T	22-MAY-2018
MAX321ESA+	22-MAY-2018
MAX321ESA+T	22-MAY-2018
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MAX322CSA+T	22-MAY-2018

MAX325CSA+	22-MAY-2018
MAX325CSA+T	22-MAY-2018
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MAX3314EESA+	22-MAY-2018
MAX3314EESA+T	22-MAY-2018
MAX339CSE+	22-MAY-2018
MAX339CSE+G002	22-MAY-2018
MAX339CSE+T	22-MAY-2018
MAX339ESE+	22-MAY-2018
MAX339ESE+T	22-MAY-2018
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MAX3443ECSA+T	22-MAY-2018
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MAX3444EASA+T	22-MAY-2018
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MAX3444EESA+T	22-MAY-2018
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MAX3461ESD+T	22-MAY-2018
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MAX352CSE+T	22-MAY-2018
MAX352ESE+	22-MAY-2018
MAX352ESE+T	22-MAY-2018
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MAX353CSE+T	22-MAY-2018
MAX353CSE+TG035	22-MAY-2018
MAX353CSE+TG55	22-MAY-2018
MAX353ESE+	22-MAY-2018
MAX353ESE+T	22-MAY-2018
MAX366ESA+	22-MAY-2018
MAX366ESA+T	22-MAY-2018
MAX398ESE+	22-MAY-2018
MAX398ESE+T	22-MAY-2018
MAX399CSE+	22-MAY-2018
MAX399CSE+T	22-MAY-2018
MAX399ESE+	22-MAY-2018
MAX399ESE+T	22-MAY-2018
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MAX4019ESD+T	22-MAY-2018
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MAX4051ACSE+T	22-MAY-2018

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MAX4051AESE+T	22-MAY-2018
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MAX4052AESE+T	22-MAY-2018
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MAX4128ESA+	22-MAY-2018
MAX4128ESA+T	22-MAY-2018
MAX412CSA+	22-MAY-2018
MAX412CSA+T	22-MAY-2018
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MAX4173HESA+T	22-MAY-2018
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MAX4173TESA+T	22-MAY-2018
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MAX4197ESA+T	22-MAY-2018
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MAX4218ESD+	22-MAY-2018
MAX4218ESD+T	22-MAY-2018
MAX4219ESD+	22-MAY-2018
MAX4219ESD+T	22-MAY-2018
MAX4225ESA+	22-MAY-2018
MAX4236AESA+	22-MAY-2018
MAX4236AESA+T	22-MAY-2018
MAX4238ASA+	22-MAY-2018
MAX4238ASA+T	22-MAY-2018
MAX4241ESA+	22-MAY-2018
MAX4242ESA+	22-MAY-2018
MAX4242ESA+T	22-MAY-2018
MAX4252ESA+	22-MAY-2018
MAX4252ESA+T	22-MAY-2018
MAX4289ESA+	22-MAY-2018
MAX4289ESA+T	22-MAY-2018
MAX4304ESA+	22-MAY-2018
MAX4304ESA+T	22-MAY-2018
MAX4305ESA+	22-MAY-2018
MAX4305ESA+T	22-MAY-2018
MAX4311ESD+	22-MAY-2018
MAX4311ESD+T	22-MAY-2018

MAX4314ESD+	22-MAY-2018
MAX4314ESD+T	22-MAY-2018
MAX4326ESA+	22-MAY-2018
MAX4326ESA+T	22-MAY-2018
MAX4351ESA+	22-MAY-2018
MAX4351ESA+T	22-MAY-2018
MAX4372HESA+	22-MAY-2018
MAX4372HESA+T	22-MAY-2018
MAX4373FESA+	22-MAY-2018
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MAX4383ESD+T	22-MAY-2018
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MAX4391ESA+	22-MAY-2018
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MAX4475ASA+T	22-MAY-2018
MAX4477ASA+	22-MAY-2018

22-MAY-2018
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MAX4567CSE+T	22-MAY-2018
MAX4610ESD+	22-MAY-2018
MAX4610ESD+T	22-MAY-2018
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MAX4630ESD+	22-MAY-2018
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MAX481ECSA+T	22-MAY-2018
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MAX487ESA+TCBX	22-MAY-2018
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MAX5033AUSA+	22-MAY-2018
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MAX504CSD+	22-MAY-2018
MAX504CSD+T	22-MAY-2018

MAX504ESD+	22-MAY-2018
MAX504ESD+T	22-MAY-2018
MAX5055BASA+	22-MAY-2018
MAX5055BASA+T	22-MAY-2018
MAX512CSD+	22-MAY-2018
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MAX517BCSA+T	22-MAY-2018
MAX517BESA+	22-MAY-2018
MAX517BESA+T	22-MAY-2018
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MAX518ACSA+T	22-MAY-2018
MAX518BCSA+	22-MAY-2018
MAX518BCSA+T	22-MAY-2018
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MAX522CSA+T	22-MAY-2018
MAX531AESD+	22-MAY-2018
MAX531AESD+T	22-MAY-2018
MAX539AESA+	22-MAY-2018
MAX539BESA+	22-MAY-2018
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MAX541ACSA+T	22-MAY-2018
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MAX541BESA+T	22-MAY-2018
MAX543BCSA+	22-MAY-2018
MAX543BCSA+T	22-MAY-2018
MAX543BCSA+TG035	22-MAY-2018

MAX544BCSA+	22-MAY-2018
MAX5541ESA+	22-MAY-2018
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MAX5541ESA+TG002	22-MAY-2018
MAX5904USA+TG11	22-MAY-2018
MAX5910ESA+	22-MAY-2018
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MAX5911ESA+	22-MAY-2018
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MAX6006BESA+T	22-MAY-2018
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MAX6035ESA25+T	22-MAY-2018
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MAX607ESA+T	22-MAY-2018
MAX608ESA+	22-MAY-2018
MAX608ESA+T	22-MAY-2018
MAX6126BASA21+	22-MAY-2018
MAX6126BASA21+T	22-MAY-2018
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MAX6126BASA25+T	22-MAY-2018
MAX6126BASA50+	22-MAY-2018
MAX6126BASA50+T	22-MAY-2018
MAX6133AASA41+	22-MAY-2018
MAX6133AASA50+	22-MAY-2018
MAX6143AASA10+	22-MAY-2018
MAX6143BASA25+	22-MAY-2018
MAX6143BASA50+	22-MAY-2018
MAX6143BASA50+T	22-MAY-2018
MAX6161BESA+	22-MAY-2018

ΜΔΧ6161ΒΕSΔ+Τ	22-MAY-2018
ΜΑΧ6164ΔΕSΔ+	22-MAY-2010
ΜΔΧ6164ΔΕSΔ+Τ	22-MAY-2018
ΜΔΧ6165ΔΕSΔ+	22-MAY-2018
ΜΔΧ6165ΔΕ5Δ+Τ	22-MAY-2010
MAX6168AESA+	22-MAY-2010
MAX6175BASA+	22-MAY-2018
MAX6175BASA+T	22-MAY-2018
MAX6176BASA+	22-MAY-2018
MAX6176BASA+T	22-MAY-2018
MAX6177BASA+	22-MAY-2018
MAX6177BASA+T	22-MAY-2018
MAX6192BESA+	22-MAY-2018
MAX6192BESA+T	22-MAY-2018
MAX6192BESA+TG035	22-MAY-2018
MAX619CSA+	22-MAY-2018
MAX619CSA+T	22-MAY-2018
MAX619ESA+	22-MAY-2018
MAX619ESA+T	22-MAY-2018
MAX6225ACSA+	22-MAY-2018
MAX6225ACSA+T	22-MAY-2018
MAX6225AESA+	22-MAY-2018
MAX6225AESA+T	22-MAY-2018
MAX6241BCSA+	22-MAY-2018
MAX6241BCSA+T	22-MAY-2018
MAX6250ACSA+	22-MAY-2018
MAX6250ACSA+T	22-MAY-2018
MAX628ESA+	22-MAY-2018
MAX628ESA+T	22-MAY-2018
MAX6304CSA+	22-MAY-2018
MAX6304CSA+T	22-MAY-2018
MAX630ESA+	22-MAY-2018
MAX630ESA+T	22-MAY-2018
MAX6325CSA+	22-MAY-2018

MAX6325CSA+T	22-MAY-2018
MAX6325CSA+TG068	22-MAY-2018
MAX6325ESA+	22-MAY-2018
MAX6325ESA+T	22-MAY-2018
MAX632ACSA+	22-MAY-2018
MAX632ACSA+T	22-MAY-2018
MAX633AESA+	22-MAY-2018
MAX6341ESA+	22-MAY-2018
MAX6341ESA+T	22-MAY-2018
MAX634CSA+	22-MAY-2018
MAX634CSA+T	22-MAY-2018
MAX634ESA+	22-MAY-2018
MAX6350CSA+	22-MAY-2018
MAX6350CSA+T	22-MAY-2018
MAX637ACSA+	22-MAY-2018
MAX637ACSA+T	22-MAY-2018
MAX638ACSA+	22-MAY-2018
MAX638ACSA+T	22-MAY-2018
MAX638AESA+	22-MAY-2018
MAX638AESA+T	22-MAY-2018
MAX641ACSA+	22-MAY-2018
MAX641ACSA+T	22-MAY-2018
MAX643AESA+	22-MAY-2018
MAX651CSA+	22-MAY-2018
MAX663ESA+	22-MAY-2018
MAX663ESA+T	22-MAY-2018
MAX663ESA+TG074	22-MAY-2018
MAX664ESA+	22-MAY-2018
MAX664ESA+T	22-MAY-2018
MAX666ESA+	22-MAY-2018
MAX666ESA+T	22-MAY-2018
MAX6808SA46+	22-MAY-2018
MAX6808SA46+T	22-MAY-2018
MAX680CSA+	22-MAY-2018

MAX680CSA+T	22-MAY-2018
MAX690RESA+	22-MAY-2018
MAX690RESA+T	22-MAY-2018
MAX690SCSA+	22-MAY-2018
MAX690SCSA+T	22-MAY-2018
MAX701ESA+	22-MAY-2018
MAX701ESA+G002	22-MAY-2018
MAX701ESA+T	22-MAY-2018
MAX702ESA+	22-MAY-2018
MAX702ESA+T	22-MAY-2018
MAX704RESA+	22-MAY-2018
MAX706PCSA+	22-MAY-2018
MAX706PCSA+T	22-MAY-2018
MAX709RESA+	22-MAY-2018
MAX712CSE+	22-MAY-2018
MAX712CSE+T	22-MAY-2018
MAX712ESE+	22-MAY-2018
MAX712ESE+T	22-MAY-2018
MAX713ESE+	22-MAY-2018
MAX713ESE+T	22-MAY-2018
MAX730ACSA+	22-MAY-2018
MAX734CSA+	22-MAY-2018
MAX734CSA+T	22-MAY-2018
MAX7400CSA+	22-MAY-2018
MAX7400CSA+T	22-MAY-2018
MAX7401CSA+	22-MAY-2018
MAX7401CSA+T	22-MAY-2018
MAX7401ESA+	22-MAY-2018
MAX7401ESA+T	22-MAY-2018
MAX7403ESA+	22-MAY-2018
MAX7403ESA+T	22-MAY-2018
MAX7404ESA+	22-MAY-2018
MAX7404ESA+T	22-MAY-2018
MAX7405ESA+	22-MAY-2018

MAX7405ESA+1	22-MAY-2018
MAX7407CSA+	22-MAY-2018
MAX7407CSA+T	22-MAY-2018
MAX7407ESA+	22-MAY-2018
MAX7407ESA+T	22-MAY-2018
MAX7480ESA+	22-MAY-2018
MAX7480ESA+T	22-MAY-2018
MAX751CSA+	22-MAY-2018
MAX755CSA+	22-MAY-2018
MAX755CSA+T	22-MAY-2018
MAX756ESA+	22-MAY-2018
MAX756ESA+T	22-MAY-2018
MAX763ACSA+	22-MAY-2018
MAX763ACSA+T	22-MAY-2018
MAX764CSA+	22-MAY-2018
MAX764CSA+T	22-MAY-2018
MAX764CSA+TG068	22-MAY-2018
MAX764CSA+TG126	22-MAY-2018
MAX766CSA+	22-MAY-2018
MAX766CSA+T	22-MAY-2018
MAX766ESA+	22-MAY-2018
MAX766ESA+T	22-MAY-2018
MAX766ESA+TG002	22-MAY-2018
MAX770CSA+	22-MAY-2018
MAX770CSA+T	22-MAY-2018
MAX771ESA+	22-MAY-2018
MAX771ESA+T	22-MAY-2018
MAX772CSA+	22-MAY-2018
MAX772CSA+T	22-MAY-2018
MAX774CSA+G002	22-MAY-2018
MAX774CSA+G077	22-MAY-2018
MAX774CSA+TG068	22-MAY-2018
MAX795SCSA+	22-MAY-2018
MAX795SCSA+T	22-MAY-2018

MAX801LCSA+	22-MAY-2018
MAX808LCSA+	22-MAY-2018
MAX808LCSA+T	22-MAY-2018
MAX808LESA+	22-MAY-2018
MAX808LESA+T	22-MAY-2018
MAX808MCSA+	22-MAY-2018
MAX813LCSA+	22-MAY-2018
MAX813LCSA+T	22-MAY-2018
MAX814NESA+	22-MAY-2018
MAX814NESA+T	22-MAY-2018
MAX815KESA+	22-MAY-2018
MAX817LCSA+	22-MAY-2018
MAX817LCSA+T	22-MAY-2018
MAX817LESA+	22-MAY-2018
MAX817LESA+T	22-MAY-2018
MAX817MESA+	22-MAY-2018
MAX817MESA+T	22-MAY-2018
MAX819MESA+	22-MAY-2018
MAX819MESA+T	22-MAY-2018
MAX8212CSA+	22-MAY-2018
MAX8212CSA+T	22-MAY-2018
MAX8212CSA+TG068	22-MAY-2018
MAX8212ESA+	22-MAY-2018
MAX8212ESA+T	22-MAY-2018
MAX851ISA+	22-MAY-2018
MAX853ESA+	22-MAY-2018
MAX853ESA+T	22-MAY-2018
MAX856CSA+	22-MAY-2018
MAX856CSA+T	22-MAY-2018
MAX858CSA+	22-MAY-2018
MAX858CSA+T	22-MAY-2018
MAX861ESA+	22-MAY-2018
MAX861ESA+T	22-MAY-2018
MAX866ESA+	22-MAY-2018

MAX866ESA+T	22-MAY-2018
MAX875BESA+	22-MAY-2018
MAX875BESA+T	22-MAY-2018
MAX894LESA+	22-MAY-2018
MAX894LESA+T	22-MAY-2018
MAX9003ESA+	22-MAY-2018
MAX9005ESA+	22-MAY-2018
MAX9005ESA+T	22-MAY-2018
MAX9012ESA+	22-MAY-2018
MAX9012ESA+T	22-MAY-2018
MAX9022ASA+	22-MAY-2018
MAX9022ASA+T	22-MAY-2018
MAX9024ASD+	22-MAY-2018
MAX9024ASD+T	22-MAY-2018
MAX902ESD+	22-MAY-2018
MAX902ESD+T	22-MAY-2018
MAX9032ASA+	22-MAY-2018
MAX9032ASA+T	22-MAY-2018
MAX9034ASD+	22-MAY-2018
MAX9034ASD+T	22-MAY-2018
MAX9077ESA+	22-MAY-2018
MAX9077ESA+T	22-MAY-2018
MAX9077ESA+TG002	22-MAY-2018
MAX907CSA+	22-MAY-2018
MAX907CSA+T	22-MAY-2018
MAX907CSA+TG002	22-MAY-2018
MAX9110ESA+	22-MAY-2018
MAX9110ESA+T	22-MAY-2018
MAX9144ESD+	22-MAY-2018
MAX9144ESD+T	22-MAY-2018
MAX9172ESA+	22-MAY-2018
MAX9172ESA+T	22-MAY-2018
MAX919ESA+	22-MAY-2018
MAX919ESA+T	22-MAY-2018

MAX922ESA+	22-MAY-2018
MAX922ESA+T	22-MAY-2018
MAX932CSA+	22-MAY-2018
MAX932CSA+T	22-MAY-2018
MAX9381ESA+	22-MAY-2018
MAX9381ESA+T	22-MAY-2018
MAX944CSD+	22-MAY-2018
MAX944CSD+T	22-MAY-2018
MAX944CSD+TG002	22-MAY-2018
MAX954ESA+	22-MAY-2018
MAX954ESA+T	22-MAY-2018
MAX963ESD+	22-MAY-2018
MAX963ESD+T	22-MAY-2018
MAX964ESE+	22-MAY-2018
MAX964ESE+T	22-MAY-2018
MAX966ESA+	22-MAY-2018
MAX966ESA+T	22-MAY-2018
MAX971ESA+	22-MAY-2018
MAX971ESA+T	22-MAY-2018
MAX972CSA+	22-MAY-2018
MAX972CSA+T	22-MAY-2018
MAX972ESA+	22-MAY-2018
MAX972ESA+T	22-MAY-2018
MAX973ESA+	22-MAY-2018
MAX973ESA+T	22-MAY-2018
MAX981CSA+	22-MAY-2018
MAX981CSA+T	22-MAY-2018
MAX982ESA+	22-MAY-2018
MAX982ESA+T	22-MAY-2018
MAX983ESA+	22-MAY-2018
MAX983ESA+T	22-MAY-2018
MAX987ESA+	22-MAY-2018
MAX987ESA+T	22-MAY-2018
MAX989ESA+	22-MAY-2018

MAX989ESA+G002	22-MAY-2018
MAX989ESA+T	22-MAY-2018
MAX992ESA+	22-MAY-2018
MAX992ESA+T	22-MAY-2018
MXD1210CSA+	22-MAY-2018
MXD1210CSA+T	22-MAY-2018
REF01HSA+	22-MAY-2018
REF01HSA+T	22-MAY-2018
REF02CSA+	22-MAY-2018
REF02CSA+T	22-MAY-2018
REF02HSA+	22-MAY-2018
REF02HSA+T	22-MAY-2018
TSC427CBA+	22-MAY-2018



1) PURPOSE

To qualify assembler Greatek to build SOIC(N) packages with 0.8/1.0/1.3/2.0 mil Au-wire

2) QUALIFICATION REQUIREMENTS AND RESULTS

Rel#			R29114A	R29114C	R29114D
Lot#			JQ3AHA023DC	JQ3AHA023DE	JQ3AHA023DG
Device:			MAX1709ESE+	MAX1709ESE+	MAX1709ESE+
Die Type:			PX35Y	PX35Y	PX35Y
Die Size (mils)			86X193 mil	86X193 mil	86X193 mil
Package Type (code):			S16+8	S16+8	S16+8
Date Code:			1738	1738	1738
Topmark:			ZQ3A JCF	ZQ3A JCF	ZQ3A JCF
Stress Test	Duration	Sampling Plan	Result	Result	Result
Convection Reflow ^{*2,3} 260°C Peak	MSL 1, 3X	0/400	0/399	0/400	0/400
HAST 130°C / 85% R.H. *1,2,3	96 hrs.	0/77	0/77	0/77	0/77
Unbiased HAST 130°C / 85% R.H. *1,2	96 hrs.	0/77	0/77	0/77	0/77
Temperature Cycle *1,2,3 -65°C to 150°C (Condition C)	500 cyc	0/77	0/77	0/77	0/77
High Temperature Storage 150°C *1,2,3	500 hrs.	0/77	0/77	0/77	0/77
HTOL*2,3,4	500 hrs	0/77		0/77	
C-SAM*1	TO, Post-Precon	0/25	0/25	0/25	0/25
Wire Bond Pull Minimum 5 grams-force	T (0), Post-TC	0/200 wires	0/200wires	0/200wires	0/200wires
Solderability (Lead-Free,245C)	T (0)	0/15	0/15	0/15	0/15
Physical Dimension (PD)	T (0)	0/20	0/20	0/20	0/20
Bondcrater	Post-Precon	0/20	0/20	0/20	0/20
Solder Shock		0/15	0/15	0/15	0/15

Note:

*1. Convection reflow is used as preconditioning for SMD packages.

*2. Electrical tests pre- and post-stress were performed at +85°C.

*3. Electrical tests pre- and post-stress were performed at +25°C.

*4. Electrical tests pre- and post-stress were performed at -40°C.



Maxim Reliability Qualification Report #R29114CQ

Rel#			R29114F	R29114F	R29114G
lot#			J6Y5GA819FA	J6Y5GA819FB	N380B3108CA
Device:			MAX5033BASA+	MAX5033BASA+	MAX494CSD+
			NP2511-57	NP2511-57	08568
Die Size (mils)			85 X 145	85 X 145	69 X 100
Die Size (mis) Dackage Type (code):			\$8+5	\$8+5	S14+1
Date Code:			1744	1744	1744
Topmark:			7 DM	7 DM	7380 NCX
Character Conversion Conversion			Pecult	Becult	Becult
Stress lest	Duration	Sampling Plan	Result	Result	Result
Convection Reflow ^{*2,3,5} 260°C Peak	MSL 1, 3X	0/400	0/400	0/400	0/400
HAST 130°C / 85% R.H. *1,2,3,5	96 hrs.	0/77	0/77	0/77	0/77
Unbiased HAST 130°C / 85% R.H. *1,2	96 hrs.	0/77	0/77	0/77	0/77
Temperature Cycle *1,2,3,5	500 cvc	0/77	0/77	0/77	0/77
-65°C to 150°C (Condition C)	500 сус				
High Temperature Storage 150°C ^{*1,2,3}	500 hrs.	0/77	0/77	0/77	0/77
HTOL*2,3,4	500 hrs	0/77	0/77		
C-SAM*1	TO, Post-Precon	0/25	0/25	0/25	0/25
Wire Bond Pull	T (0) Post TC	0/200 wires	0/200wires	0/200wires	0/200wires
Minimum 5 grams-force	1 (0), Post-1C				
Solderability (Lead-Free,245C)	Т (О)	0/15	0/15	0/15	0/15
Physical Dimension (PD)	т (0)	0/20	0/20	0/20	0/20
Bondcrater	Post-Precon	0/20	0/20	0/20	0/20
Solder Shock		0/15	0/15	0/15	0/15

Note:

*1. Convection reflow is used as preconditioning for SMD packages.

*2. Electrical tests pre- and post-stress were performed at +125°C.

*3. Electrical tests pre- and post-stress were performed at +25°C.

*4. Electrical tests pre- and post-stress were performed at -40°C.

*5. Electrical tests pre- and post-stress were performed at +70°C.



Maxim Reliability Qualification Report #R29114CQ

Rel#			R29114K	R29114L	
Lot#			JQ9CHA128JA	JQ9CHA128JB	
Device:			MAX6198BESA+	MAX6198BESA+	
Die Type:		RF23Z-2Z	RF23Z-2Z		
Die Size (mils)		44X31	44X31		
Package Type (code):			S8+2	S8+2	
Date Code:			1742	1742	
Topmark:			MAX6198BESA+ / 1742	MAX6198BESA+ / 1742	
Stress Test	Duration	Sampling Plan	Result	Result	
Convection Reflow ^{*2,3} 260°C Peak	MSL 1, 3X	0/400	0/400	0/400	
HAST 130°C / 85% R.H. *1,2,3	96 hrs.	0/77	0/77	0/77	
Unbiased HAST 130°C / 85% R.H. *1,2	96 hrs.	0/77	0/77	0/77	
Temperature Cycle ^{*1,2,3} -65°C to 150°C (Condition C)	500 cyc	0/77	0/77	0/77	
High Temperature Storage 150°C *1,2,3	500 hrs.	0/77	0/77	0/77	
HTOL*2,3,4	500 hrs	0/77	0/77		
Solderability (Lead-Free,245C)	-	0/15	0/15	0/15	
C-SAM*1	-	0/25	0/25	0/25	
Wire Bond Pull Minimum 5 grams-force	T (0), Post-TC	0/200 wires	0/200 wires	0/200 wires	
Physical Dimension (PD)	T (0)	0/20	0/20	0/20	
Bondcrater	Post-Precon	0/20	0/20	0/20	
Solder Shock		0/15	0/20	0/20	

Note:

*1. Convection reflow is used as preconditioning for SMD packages.

*2. Electrical tests pre- and post-stress were performed at +85°C.

*3. Electrical tests pre- and post-stress were performed at +25°C.

*4. Electrical tests pre- and post-stress were performed at -40°C.

3) CONCLUSION

Qualification lots assembled in Greatek have passed reliability qualification (Conditional Qualification Requirements / Acceptance Criteria). Therefore, assembler Greatek is conditionally qualified to build SOIC(N) packages with 0.8/1.0/1.3/2.0 mil Au-wire. These packages, as tested MSL1, are not moisture sensitive, therefore, requires no bake-and-bag precautions for shipment and/or storage.

4) Package Coverage

The following packages can be covered by this qualification result.

S14+1	S14+6	S16+5	S8+17	S8+20	S8+4
S14+4	S16+1	S16+6	S8+18	S8+21	S8+5
S14+5	S16+3	S16+8	S8+2	S8+22	