## Certificate of Non-Use of Hazardous Substances

MaxLinear, Inc. certifies that as of the date of this Certificate of Non-Use of Hazardous Substances, the MaxLinear product listed below is certified as follows:

<table>
<thead>
<tr>
<th>Environmental Category &amp; Description</th>
<th>Details for: XRT6165CDTR-F</th>
</tr>
</thead>
<tbody>
<tr>
<td>**RoHS</td>
<td>Exempt**</td>
</tr>
<tr>
<td><strong>RoHS</strong></td>
<td>If “Y”, then product is RoHS compliant meeting the requirements of Directive (EU) 2015/863 with no exemptions taken. See Appendix B.</td>
</tr>
<tr>
<td><strong>Halogen Free</strong></td>
<td>If “Y”, then product is halogen and lead (Pb) free. Green products meet RoHS requirements plus additional hazardous material restrictions. See Appendix C.</td>
</tr>
<tr>
<td><strong>REACH</strong></td>
<td>If “Y”, then product does not use any Substances of Very High Concern (SVHC) under REACH requirements. See Appendix D for a list of these substances. If &quot;N&quot;, please see Appendix E for SVHC that is contained in this product</td>
</tr>
<tr>
<td><strong>TSCA</strong></td>
<td>If “Y”, then product is compliant and does not use any of the Toxic Substance Control Act (TSCA) restricted substances. See Appendix F for a list of these substances.</td>
</tr>
</tbody>
</table>

MaxLinear, Inc.
Quality and Reliability
Dec 08, 2023
Appendix A | RoHS with Exemption

<table>
<thead>
<tr>
<th>Exemption</th>
<th>Description</th>
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<tbody>
<tr>
<td>7a</td>
<td>Lead in high melting temperature type solders</td>
</tr>
<tr>
<td>7c</td>
<td>Electrical and electronic components containing lead in a glass or ceramic, e.g., piezoelectronic devices, or in a glass or ceramic matrix compound.</td>
</tr>
<tr>
<td>15</td>
<td>Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit flip chip packages</td>
</tr>
</tbody>
</table>

Appendix B | RoHS Directive (EU) 2015/863

<table>
<thead>
<tr>
<th>Restricted Substance</th>
<th>Allowable Limit (at homogenous material level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cadmium (Cd)</td>
<td>100 ppm (0.01 weight %)</td>
</tr>
<tr>
<td>Mercury (Hg)</td>
<td>1000 ppm (0.10 weight %)</td>
</tr>
<tr>
<td>Lead (Pb)</td>
<td>1000 ppm (0.10 weight %)</td>
</tr>
<tr>
<td>Hexavalent Chromium (Cr6+)</td>
<td>1000 ppm (0.10 weight %)</td>
</tr>
<tr>
<td>Polybrominated diphenyl ethers (PBDE)</td>
<td>1000 ppm (0.10 weight %)</td>
</tr>
<tr>
<td>Bis(2-Ethylhexyl) phthalate (DEHP)</td>
<td>1000 ppm (0.10 weight %)</td>
</tr>
<tr>
<td>Benzyl butyl phthalate (BBP)</td>
<td>1000 ppm (0.10 weight %)</td>
</tr>
<tr>
<td>Dibutyl phthalate (DBP)</td>
<td>1000 ppm (0.10 weight %)</td>
</tr>
<tr>
<td>Diisobutyl phthalate (DIBP)</td>
<td>1000 ppm (0.10 weight %)</td>
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Appendix C | Halogen Free

<table>
<thead>
<tr>
<th>Restricted Substance</th>
<th>Allowable Limit</th>
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</thead>
<tbody>
<tr>
<td>Bromine (Br)</td>
<td>900 ppm</td>
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<tr>
<td>Chlorine (Cl)</td>
<td>900 ppm</td>
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<tr>
<td>Antimony (Sb)</td>
<td>900 ppm</td>
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</table>

Appendix D | REACH 235 - Regulation (EC) No 1907/2006 (Threshold Limit 1000ppm (0.1% w/w))

<table>
<thead>
<tr>
<th>EC Number</th>
<th>CAS Number</th>
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<tbody>
<tr>
<td>235</td>
<td>278-355-8</td>
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<td>234</td>
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<td>233</td>
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<td>215</td>
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<td>214</td>
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</table>
Maxlinear, Inc.
5966 La Place Court, Suite 100
Carlsbad, CA 92008
www.maxlinear.com

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<table>
<thead>
<tr>
<th>EC Number</th>
<th>CAS Number</th>
<th>Date of Inclusion</th>
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<tbody>
<tr>
<td>121-967-7</td>
<td>3298-90-0</td>
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<td>253-057-0</td>
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<td>204-661-8</td>
<td>123-91-1</td>
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**Date of Inclusion:** January 19, 2021

2,2-bis(bromomethyl)propane, 1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)

2-Methyltetrahydrofuran 205-05-7 143-24-8

**Date of Inclusion:** June 25, 2020

1,4-dioxane 202-649-0 98-64-4

**Date of Inclusion:** January 16, 2020

 Peroxorobutane sulfonic acid (PFBS) and its salts 205-119-5 461-37-2

**Date of Inclusion:** July 16, 2019

2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides 37883-20-2 3739-37-4

**Date of Inclusion:** January 15, 2019

1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one 208-768-9 438-68-1

**Date of Inclusion:** December 17, 2018

1-vinylimidazole 2-Methylimidazole 206-587-1 110-26-2

**Date of Inclusion:** January 15, 2018

2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) 200-280-6 7439-51-1

**Date of Inclusion:** December 17, 2017

1,2,4-triazole 203-545-9 461-37-2

**Date of Inclusion:** January 15, 2017

1,3-propanesultone 203-772-9 110-49-6

**Date of Inclusion:** January 16, 2016

Dioctyl phthalate 203-468-6 191-24-2

**Date of Inclusion:** January 15, 2016

1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one 208-768-9 438-68-1

**Date of Inclusion:** December 17, 2015

1,4-dioxane 202-649-0 98-64-4

**Date of Inclusion:** January 16, 2015

2,2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) 200-280-6 7439-51-1

**Date of Inclusion:** December 17, 2014

1,2-benzene dicarboxylic acid, di-(C6-10 alkyl esters); 1,2-benzene dicarboxylic acid, mixed decyl and heptyl acetic diesters with ≥ 0.3% of diheptyl phthalate (EC No. 201-559-5)

5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] (covering any of the individual stereoisomers of [1] and [2] or any combination thereof) 203-103-1 6864-93-1

Page 3 of 6
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<td>EC Number</td>
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<td>300-37-2</td>
<td>203-449-4</td>
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<td>303-00-0</td>
<td>203-450-5</td>
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<table>
<thead>
<tr>
<th>EC Number</th>
<th>CAS Number</th>
<th>Restricted Substance</th>
<th>Where used</th>
<th>Threshold Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>201-173-7</td>
<td>79-06-1</td>
<td>Acrylamide</td>
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<tr>
<td>215-693-7</td>
<td>1344-37-2</td>
<td>Lead sulfonochromate yellow (C.I. Pigment Yellow 34)</td>
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<tr>
<td>214-640-8</td>
<td>90640-82-7</td>
<td>Anthracene oil</td>
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<td>215-693-7</td>
<td>1344-37-2</td>
<td>Lead sulfochromate yellow (C.I. Pigment Yellow 34)</td>
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<td>204-450-0</td>
<td>121-14-2</td>
<td>2,4-Dinitrotoluene</td>
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<td>235-759-9</td>
<td>12656-85-8</td>
<td>Lead chromate molybdate sulphate red (C.I. Pigment Red 104)</td>
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<td>7784-40-9</td>
<td>Lead hydrogen arsenate</td>
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<td>90640-81-6</td>
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<td>91995-15-2</td>
<td>Tris(2-chloroethyl)phosphate</td>
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<td>90640-82-7</td>
<td>Lead chromate</td>
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<td>Anthracene oil, anthracene paste</td>
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<td>292-603-2</td>
<td>90640-82-7</td>
<td>Anthracene oil, anthracene paste, distn. lights</td>
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<td>204-450-0</td>
<td>121-14-2</td>
<td>2,4-Dinitrotoluene</td>
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Appendix E | REACH Substance intentionally added (See page 1, Environmental Category & Description, if applicable to this product.)

<table>
<thead>
<tr>
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<th>CAS Number</th>
<th>Threshold Limit</th>
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<tr>
<td>4,4'-Isopropylidenediphenol (Bisphenol A)</td>
<td>Substrate laminate</td>
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<td>&gt;0.1% w/w</td>
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Appendix F | TSCA

<table>
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<th>Threshold Limit</th>
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<tbody>
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<td>2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP)</td>
<td>732-26-3</td>
<td>&gt;0.3% w/w</td>
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<tr>
<td>Hexachlorobutadiene (HCBD)</td>
<td>87-68-3</td>
<td>&gt;0% w/w</td>
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<tr>
<td>Pentachlorophenol (PCP)</td>
<td>133-49-3</td>
<td>&gt;1% w/w</td>
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<tr>
<td>Decabromodi phenyl ether (DecaBDE)</td>
<td>1163-19-5</td>
<td>&gt;0% w/w</td>
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<tr>
<td>Phenol, isopropylated phosphate (3:1) (PIP 3:1)</td>
<td>68937-41-7</td>
<td>&gt;0% w/w</td>
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