

# CTS Resistor/Electrocomponents

RoHS Resistor Network Plan  
July 20, 2004

# RoHS – Leaded Surface Mount

Leaded Surface Mount Series 766, 767, 768	Current Product	Lead Free version
<b>Finish</b>	Solder Dipped 10Sn/90Pb	Solder Dipped 96Sn/04Ag
<b>Availability</b>	Current – Q206 TBD	Q105
<b>Reflow Profile</b>	45 sec @ 240 °C	30 sec @ 260 °C
<b>RoHS Compliance</b>	No	Yes
⚡ Lead	> 1000 ppm	< 1000 ppm
⚡ Mercury	< 1000 ppm	< 1000 ppm
⚡ Hexavalent Chromium	< 1000 ppm	< 1000 ppm
⚡ Polybrominated Biphenyls	< 1000 ppm	< 1000 ppm
⚡ Polybrominated Diphenyl Ethers	< 1000 ppm	< 1000 ppm
⚡ Cadmium	< 100 ppm	< 100 ppm
<b>Part Numbering</b>	Ex:766163100G	Ex: 766163100GP

# RoHS – Leadless Surface Mount

Leadless Surface Mount Series 752, 753	Current Product	Lead Free version
<b>Finish</b>	Plated 90Sn/10Pb over Ni	Plated “matte” Sn over Ni
<b>Availability</b>	Current – Q206 TBD	Q105
<b>Reflow Profile</b>	45 sec @ 240 °C	30 sec @ 260 °C
<b>RoHS Compliance</b>	No	Yes
⚡ Lead	> 1000 ppm	< 1000 ppm
⚡ Mercury	< 1000 ppm	< 1000 ppm
⚡ Hexavalent Chromium	< 1000 ppm	< 1000 ppm
⚡ Polybrominated Biphenyls	< 1000 ppm	< 1000 ppm
⚡ Polybrominated Diphenyl Ethers	< 1000 ppm	< 1000 ppm
⚡ Cadmium	< 100 ppm	< 100 ppm
<b>Part Numbering</b>	Ex:753163100G	Ex: 753163100GP

# RoHS – Chip Arrays

Chip Arrays Series 741-746	Current Product	Lead Free version
<b>Finish</b>	Plated 90Sn/10Pb over Ni	Plated “matte” Sn over Ni
<b>Availability</b>	Current – Q206 TBD	Current
<b>Reflow Profile</b>	45 sec @ 240 °C	30 sec @ 260 °C
<b>RoHS Compliance</b>	No	Yes
⚡ Lead	> 1000 ppm	< 1000 ppm
⚡ Mercury	< 1000 ppm	< 1000 ppm
⚡ Hexavalent Chromium	< 1000 ppm	< 1000 ppm
⚡ Polybrominated Biphenyls	< 1000 ppm	< 1000 ppm
⚡ Polybrominated Diphenyl Ethers	< 1000 ppm	< 1000 ppm
⚡ Cadmium	< 100 ppm	< 100 ppm
<b>Part Numbering</b>	Ex:742C083100G	Ex: 742C083100GP

# RoHS – ClearONE Ceramic BGA

ClearONE Series 756 and 757	Current Product	Lead Free version
<b>Finish</b>	10Sn/90Pb Solder Balls with 63Sn/37Pb attach	TBD
<b>Availability</b>	Current – Q110 TBD	Q305
<b>Reflow Profile</b>	45 sec @ 240 °C	30 sec @ 260 °C
<b>RoHS Compliance</b>	(1) Exemption for High Temp Lead	Yes
⚡ Lead	> 1000 ppm <sup>(1)</sup>	< 1000 ppm
⚡ Mercury	< 1000 ppm	< 1000 ppm
⚡ Hexavalent Chromium	< 1000 ppm	< 1000 ppm
⚡ Polybrominated Biphenyls	< 1000 ppm	< 1000 ppm
⚡ Polybrominated Diphenyl Ethers	< 1000 ppm	< 1000 ppm
⚡ Cadmium	< 100 ppm	< 100 ppm
<b>Part Numbering</b>	Ex:RT1250B7	Ex: RT2250B7