



# Material Composition Declaration

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This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.

**Adobe Reader version 7.0.5 is required to complete this declaration.**

<b>1752-2 1.1</b>	IPC Web Site for Information on IPC-1752 Standard <a href="http://www.ipc.org/IPC-175x">http://www.ipc.org/IPC-175x</a>	<b>Form Type *</b> Distribute	<b>Declaration Class *</b> Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Informat
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## Supplier Information

<b>Company Name *</b> NIC Components Corp.	Company Unique ID	Unique ID Authority	<b>Response Date *</b> 2021-10-20	Response Document ID				
<b>Contact Name *</b> Michael Mack	Title - Contact RoHS Coordinator	<b>Phone - Contact *</b> 631-396-7500	<b>Email - Contact *</b> mike.mack@niccomp.com	Duplicate Contact -> Authorized Representative				
<b>Authorized Representative *</b> Michael Mack	Title - Representative Product Engineer & Product Co	<b>Phone - Representative *</b> 631-396-7500	<b>Email - Representative *</b> mike.mack@niccomp.com	Supplier Comments or URL for Additional Information				
<b>Requester Item Number</b>	<b>Mfr Item Number</b>	<b>Mfr Item Name</b>	<b>Effective Date</b>	<b>Version</b>	<b>Manufacturing Site</b>	<b>Weight *</b>	<b>UOM</b>	<b>Unit Type</b>
	NLTN16LS102AHCHTRF Tran		2004-10-01			1.184	g	Each
<b>Alternate Recommendation</b>				<b>Alternate Item Comments</b>				

## Manufacturing Process Information

<b>Terminal Plating / Grid Array Material</b> Matte Tin (Sn)	<b>Terminal Base Alloy</b> CU Alloy	<b>J-STD-020 MSL Rating</b> Not Applicable	<b>Peak Process Body Temperature</b> 260 C	<b>Max Time at Peak Temperature</b> 10 seconds	<b>Number of Reflow Cycles</b> Not Applicable
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Comments

**Leaded Part - No MSL or reflow information**

Save the fields in this form to a file

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Lock the fields on this form to prevent changes

Lock Supplier Fields

### RoHS Material Composition Declaration

Declaration Type \*

Detailed

<b>RoHS Directive 2002/95/EC</b>	<b>RoHS Definition:</b> Quantity limit of 0.1% by mass (1000 PPM) in homogeneous material for: Lead (Pb), Mercury, Hexavalent Chromium, Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (100 PPM) of homogeneous material for Cadmium
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Please indicate whether any homogeneous material (as defined by the RoHS Directive, EU 2002/95/EC and implemented by the laws of the European Union member states) of the part identified on this form contains lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls and/or polybrominated diphenyl ethers (each a "RoHS restricted substance") in excess of the applicable quantity limit identified above. If a homogeneous material within the part contains a RoHS restricted substance in excess of an applicable quantity limit, please indicate below which, if any, RoHS exemption you believe may apply. If the part is an assembly with lower level components, the declaration shall encompass all such components. Supplier certifies that it gathered the information it provides in this form using appropriate methods to ensure its accuracy and that such information is true and correct to the best of its knowledge and belief, as of the date that Supplier completes this form. Supplier acknowledges that Company will rely on this certification in determining the compliance of its products with European Union member state laws that implement the RoHS Directive. Company acknowledges that Supplier may have relied on information provided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, its suppliers have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the certification in this paragraph. If the Company and the Supplier enter into a written agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of that agreement, will be the sole and exclusive source of the Supplier's liability and the Company's remedies for issues that arise regarding information the Supplier provides in this form. In the absence of such written agreement, the warranty rights and/or remedies of Supplier's Standard Terms and Conditions of Sale applicable to such part shall apply.

<b>RoHS Declaration *</b>	3 - Item(s) does not contain RoHS restricted substances per the definition above except for lead in solders and selected exemptions, if any	<b>Supplier Acceptance *</b>	Accepted
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**Exemptions:** If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.

Exemption List Version	EL-2006/690/EC
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### Declaration Signature

**Instructions:** Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.

Supplier Digital Signature	<b>Michael Mack</b>	Digitally signed by Michael Mack Date: 2019.09.10 09:01:43 -04'00'
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## Homogeneous Material Composition Declaration for Electronic Products

**SubItem Instructions:** The presence of any JIG Level A or B substances must be declared. [1] indicate the subpart in which the substance is located, [2] provide a description of the homogeneous material [3], enter the weight of the homogeneous material.

**Substance Instructions:** [A] select the Level (JIG A, JIG B, Requester or Supplier) [B] select the substance category (JIG or Requester) or enter a value (Supplier). [C] select the substance (JIG) or enter the substance and CAS (Other). [D] select a RoHS exemption, if applicable [E] enter the weight of the substance or the PPM concentration [F] Optionally enter the positive (+) and negative (-) tolerance in percent (Note: percent tolerance values are expected to cover a 3 sigma range of distribution unless otherwise noted).

**Line Functions:** +I Inserts a New Item /SubItem +M Inserts a new Material +C Inserts a new Substance Category +S Inserts a new Substance - Deletes the element line

Item/SubItem Name		Homogeneous Material		Weight	Unit of Measure	Level		Substance Category	Substance		CAS	Exempt	Weight	Unit of Measure	Tolerance		PPM
+I	-I	+M	-M			+C	-C		+S	-S					-	+	
				NLTN16LS102AHC	218.9168mg			Supplier	Copper		7440-50-8		116.0259mg				
				PCB_CCL													
				Supplier	Glass fiber			GLASS FABRIC	65997-17-3				87.56674mg				
				Supplier	Epoxy Resin			Epoxy Resin	61788-97-4				15.32418mg				
				PCB_Liquid photo	8.437420mg			Supplier	Liquid		9003-36-5		4.218710mg				
									Formaldehyde, polymer								
									Barium sulfate	7727-43-7			2.531262mg				
									Carbon Black	1333-86-4			0.843742mg				
									Silica	14464-46-1			0.421871mg				
									Silicone	63148-62-9			0.126561mg				
									Dibasic ester(DBE)	95481-62-2			0.084374mg				
									2-Isopropylthioxanthone	5495-84-1			0.084374mg				
									2-Methyl-4'-(methylthio)	71868-10-5			0.084374mg				
									Melamine	108-78-1			0.025312mg				
									Methoxypropoxypropan	34590-94-8			0.008437mg				
									Solvent naphtha	64742-94-5			0.008437mg				
				PCB_Thermal cu	0.456076mg			Supplier	Metal		29690-82-2		0.091215mg				
									Poly[(o-cresyl glycidyl e								
									Poly(bisphenol-A-co-ep	25068-38-6			0.091215mg				
									Dibasic ester(DBE)	95481-62-2			0.045607mg				
									Silica	14464-46-1			0.045607mg				
									Titanium dioxide	13463-67-7			0.136823mg				
									Dicyanodiamide	461-58-5			0.022803mg				
									Silicone	63148-62-9			0.022803mg				
				PCB_IMMERSION	0.228038mg			Supplier	Metals		7440-02-0		0.223477mg				
									Nickel								
									Gold	7440-57-5			0.004560mg				

+M	-M	Common Mode C	36.92304mg	+C	-C	Supplier	Oxide	+S	-S	Ferric oxide	1309-37-1	22.89228mg				
				+S	-S	Nickel Oxide	1313-99-1	4.061534mg								
				+S	-S	Zinc Oxide	1314-13-2	7.384608mg								
				+S	-S	Copper Oxide	1317-38-0	2.584612mg								
+M	-M	Common Mode C	5.75424 mg	+C	-C	Supplier	Metal	+S	-S	Copper	7440-50-8	5.75424 mg				
+M	-M	Common Mode C	1.43856 mg	+C	-C	Supplier	Resin	+S	-S	Polyurethane Resin	26680-22-8	1.43856 mg				
+M	-M	Common Mode C	1.43856 mg	+C	-C	Supplier	Metal	+S	-S	Silver	7440-22-4	1.43856 mg				
+M	-M	Common Mode C	0.47952 mg	+C	-C	Supplier	Metal	+S	-S	Nickel	7440-02-0	0.47952 mg				
+M	-M	Common Mode C	0.47952 mg	+C	-C	Supplier	Metal	+S	-S	Tin	7440-31-5	0.47952 mg				
+M	-M	Common Mode C	1.43856 mg	+C	-C	Supplier	Liquid	+S	-S	Epoxy resin	61788-97-4	0.71928 mg				
				+S	-S	Carbon black	1333-86-4	0.661737mg								
				+S	-S	Acrylated Aliphatic Ure	68987-79-1	0.057542mg								
+M	-M	SMD Pulse Trans	398.8227mg	+C	-C	Supplier	Oxide	+S	-S	Ferric Oxide	1309-37-1	247.2700mg				
				+S	-S	Nickel Oxide	1313-99-1	43.87049mg								
				+S	-S	Zinc Oxide	1314-13-2	79.76454mg								
				+S	-S	Copper Oxide	1317-38-0	27.91758mg								
+M	-M	SMD Pulse Trans	60.96652mg	+C	-C	Supplier	Metal	+S	-S	Copper	7440-50-8	60.96652mg				
+M	-M	SMD Pulse Trans	15.24163mg	+C	-C	Supplier	Resin	+S	-S	Polyurethane Resin	26680-22-8	15.24163mg				
+M	-M	SMD Pulse Trans	12.70136mg	+C	-C	Supplier	Metal	+S	-S	Silver	7440-22-4	12.70136mg				
+M	-M	SMD Pulse Trans	2.540272mg	+C	-C	Supplier	Metal	+S	-S	Nickel	7440-02-0	2.540272mg				
+M	-M	SMD Pulse Trans	2.540272mg	+C	-C	Supplier	Metal	+S	-S	Tin	7440-31-5	2.540272mg				
+M	-M	SMD Pulse Trans	15.24163mg	+C	-C	Supplier	Metal	+S	-S	Ferric Oxide	1309-37-1	7.315983mg				
				+S	-S	Trimanganese tetraoxid	1317-35-7	1.828995mg								
				+S	-S	Zinc Oxide	1314-13-2	0.914497mg								
				+S	-S	Formaldehyde Polymer	9003-36-5	4.267656mg								
				+S	-S	Dicyanodiamide	461-68-5	0.457248mg								
				+S	-S	N-(2-methylphenyl)-N-(p	40027-50-7	0.304832mg								
				+S	-S	Carbon Black	1333-86-4	0.152416mg								
+M	-M	Iron shell_STEEL	342.5905mg	+C	-C	Supplier	Metal	+S	-S	Stainless steel	12597-68-1	342.5905mg				
+M	-M	Iron shell_Nickel	18.41108mg	+C	-C	Supplier	Metal	+S	-S	Nickel	7440-02-0	18.41108mg				
+M	-M	Solder Paste_Le	38.9536 mg	+C	-C	Supplier	Metal	+S	-S	Tin	7440-31-5	38.36929mg				
				+S	-S	Silver	7440-22-4	0.389536mg								

\* Required Field

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+S	-S	Copper	7440-50-8	0.194768	mg				
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