



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.

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

Company Name * NIC Components Corp.	Company Unique ID	Unique ID Authority	Response Date * 2021-10-20	Response Document ID				
Contact Name * Michael Mack	Title - Contact RoHS Coordinator	Phone - Contact * 631-396-7500	Email - Contact * mike.mack@niccomp.com	Duplicate Contact -> Authorized Representative				
Authorized Representative * Michael Mack	Title - Representative Product Engineer & Product Co	Phone - Representative * 631-396-7500	Email - Representative * mike.mack@niccomp.com	Supplier Comments or URL for Additional Information				
Requester Item Number	Mfr Item Number	Mfr Item Name	Effective Date	Version	Manufacturing Site	Weight *	UOM	Unit Type
	NLTN12LM16BXCNTRF Trans		2004-10-01			0.809	g	Each
Alternate Recommendation				Alternate Item Comments				

Manufacturing Process Information

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

Comments

Leaded Part - No MSL or reflow information

Save the fields in this form to a file

Export Data

Import fields from a file into this form

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Clear all of the fields on this form

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Lock the fields on this form to prevent changes

Lock Supplier Fields

RoHS Material Composition Declaration

Declaration Type *

Detailed

RoHS Directive 2002/95/EC	RoHS Definition: 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.

RoHS Declaration *	3 - Item(s) does not contain RoHS restricted substances per the definition above except for lead in solders and selected exemptions, if any	Supplier Acceptance *	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	Michael Mack	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

+I	-I	Item/SubItem Name	+M	-M	Homogeneous Material	Weight	Unit of Measure	+C	-C	Level	Substance Category	+S	-S	Substance	CAS	Exempt	Weight	Unit of Measure	Tolerance		PPM
																			-	+	
		NLTN12LM16BXCN			PCB_CCL	157.4249	mg			Supplier	Polymer			Copper polymer	9003-35-4		83.43521	mg			
					Supplier	Glass fiber				GLASS FABRIC	65997-17-3			62.96997	mg						
					Supplier	Epoxy Resin				Epoxy Resin	61788-97-4			11.01974	mg						
		PCB_Liquid photo			6.067419	mg			Supplier	Liquid	Formaldehyde, polymer			9003-36-5			3.033709	mg			
										Barium sulfate	7727-43-7			1.820225	mg						
										Carbon Black	1333-86-4			0.606741	mg						
										Silica	14464-46-1			0.303370	mg						
										Silicone	63148-62-9			0.091011	mg						
										Dibasic ester(DBE)	95481-62-2			0.060674	mg						
										2-Isopropylthioxanthone	5495-84-1			0.060674	mg						
										2-Methyl-4'-(methylthio)	71868-10-5			0.060674	mg						
										Melamine	108-78-1			0.018202	mg						
										Methoxypropoxypropan	34590-94-8			0.006067	mg						
										Solvent naphtha	64742-94-5			0.006067	mg						
		PCB_Thermal cu			0.327968	mg			Supplier	Metal	Poly[(o-cresyl glycidyl e			29690-82-2			0.065593	mg			
										Poly(bisphenol-A-co-ep	25068-38-6			0.065593	mg						
										Dibasic ester(DBE)	95481-62-2			0.032796	mg						
										Silica	14464-46-1			0.032796	mg						
										Titanium dioxide	13463-67-7			0.098390	mg						
										Dicyanodiamide	461-58-5			0.016398	mg						
										Silicone	63148-62-9			0.016398	mg						
		PCB_IMMERSION			0.163984	mg			Supplier	Metals	Nickel			7440-02-0			0.160704	mg			
										Gold	7440-57-5			0.003279	mg						

+M	-M	Common Mode C	18.50102mg	+C	-C	Supplier	Oxide	+S	-S	Ferric oxide	1309-37-1	11.47063mg							
				+S	-S		Nickel Oxide	1313-99-1		2.035112mg									
				+S	-S		Zinc Oxide	1314-13-2		3.700204mg									
				+S	-S		Copper Oxide	1317-38-0		1.295071mg									
+M	-M	Common Mode C	2.883276mg	+C	-C	Supplier	Metal	+S	-S	Copper	7440-50-8	2.883276mg							
+M	-M	Common Mode C	0.720819mg	+C	-C	Supplier	Resin	+S	-S	Polyurethane Resin	26680-22-8	0.720819mg							
+M	-M	Common Mode C	0.720819mg	+C	-C	Supplier	Metal	+S	-S	Silver	7440-22-4	0.720819mg							
+M	-M	Common Mode C	0.240273mg	+C	-C	Supplier	Metal	+S	-S	Nickel	7440-02-0	0.240273mg							
+M	-M	Common Mode C	0.240273mg	+C	-C	Supplier	Metal	+S	-S	Tin	7440-31-5	0.240273mg							
+M	-M	Common Mode C	0.720819mg	+C	-C	Supplier	Liquid	+S	-S	Epoxy resin	61788-97-4	0.360409mg							
				+S	-S		Carbon black	1333-86-4		0.331576mg									
				+S	-S		Acrylated Aliphatic Ure	68987-79-1		0.028832mg									
+M	-M	SMD Pulse Trans	252.7558mg	+C	-C	Supplier	Oxide	+S	-S	Ferric Oxide	1309-37-1	156.7086mg							
				+S	-S		Nickel Oxide	1313-99-1		27.80314mg									
				+S	-S		Zinc Oxide	1314-13-2		50.55117mg									
				+S	-S		Copper Oxide	1317-38-0		17.69291mg									
+M	-M	SMD Pulse Trans	38.63784mg	+C	-C	Supplier	Metal	+S	-S	Copper	7440-50-8	38.63784mg							
+M	-M	SMD Pulse Trans	9.65946 mg	+C	-C	Supplier	Resin	+S	-S	Polyurethane Resin	26680-22-8	9.65946 mg							
+M	-M	SMD Pulse Trans	8.04955 mg	+C	-C	Supplier	Metal	+S	-S	Silver	7440-22-4	8.04955 mg							
+M	-M	SMD Pulse Trans	1.60991 mg	+C	-C	Supplier	Metal	+S	-S	Nickel	7440-02-0	1.60991 mg							
+M	-M	SMD Pulse Trans	1.60991 mg	+C	-C	Supplier	Metal	+S	-S	Tin	7440-31-5	1.60991 mg							
+M	-M	SMD Pulse Trans	9.65946 mg	+C	-C	Supplier	Metal	+S	-S	Ferric Oxide	1309-37-1	4.636540mg							
				+S	-S		Trimanganese tetraoxid	1317-35-7		1.159135mg									
				+S	-S		Zinc Oxide	1314-13-2		0.579567mg									
				+S	-S		Formaldehyde Polymer	9003-36-5		2.704648mg									
				+S	-S		Dicyanodiamide	461-58-5		0.289783mg									
				+S	-S		N-(2-methylphenyl)-N-(p	40027-50-7		0.193189mg									
				+S	-S		Carbon Black	1333-86-4		0.096594mg									
+M	-M	Iron shell_STEEL	239.1513mg	+C	-C	Supplier	Metal	+S	-S	Stainless steel	12597-68-1	239.1513mg							
+M	-M	Iron shell_Nicke	12.85217mg	+C	-C	Supplier	Metal	+S	-S	Nickel	7440-02-0	12.85217mg							
+M	-M	Solder Paste_Le	47.0029 mg	+C	-C	Supplier	Metal	+S	-S	Tin	7440-31-5	46.29785mg							
				+S	-S		Silver	7440-22-4		0.470029mg									

* Required Field

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+S	-S	Copper	7440-50-8	0.235014	mg			
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