



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 * 2021-12-12	Response Document ID				
Contact Name * Michael Mack	Title - Contact Product Compliance Manager	Phone - Contact * 631-396-7500	Email - Contact * mike.mack@niccomp.com	Duplicate Contact -> Authorized Representative				
Authorized Representative * Michael Mack	Title - Representative Product Compliance Manager	Phone - Representative * 631-396-7500	Email - Representative * rohs@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
	NRCPH12 Series		2004-10-01			9	mg	Each
Alternate Recommendation	NRCPH12 Series Suffix "F"			Alternate Item Comments				

Manufacturing Process Information

Terminal Plating / Grid Array Material Matte Tin (Sn) - with Nickel (Ni) barrier	Terminal Base Alloy Not Applicable	J-STD-020 MSL Rating 1	Peak Process Body Temperature 260 C	Max Time at Peak Temperature 10 seconds	Number of Reflow Cycles 2
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Comments

Matte Sn over Ni Barrier over NiCr Sputter / This series takes new Exemption 7c1

Save the fields in this form to a file

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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

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 * 4 - Item(s) does not contain RoHS restricted substances per the definition above except for selected exemptions

Supplier Acceptance * Accepted

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

+ - 7c. Lead in electronic ceramic parts (e.g. piezoelectronic devices).

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

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					-	+		
				Ceramic Substra		8.13242	mg			Supplier		Metals and Oxides									
				Supplier		Silicon dioxide				Supplier		Silicon dioxide		60676-86-0			0.20819	mg			
				Supplier		Magnesium oxide				Supplier		Magnesium oxide		1309-48-4			0.07319	mg			
				Bottom Terminal		0.0432	mg			Supplier		Silver									
				Supplier		Silver				Supplier		Silver		7440-22-4			0.0378	mg			
				Supplier		Nickel				Supplier		Nickel		7440-02-0			0.0054	mg			
				Upper Terminal		0.04048	mg			Supplier		Silver									
				Supplier		Silver				Supplier		Silver		7440-22-4			0.03457	mg			
				Supplier		Palladium				Supplier		Palladium		7440-05-3			0.00049	mg			
				Supplier		Aluminum oxide (Al2				Supplier		Aluminum oxide (Al2O3		1344-28-1			0.00099	mg			
				Supplier		Silicon Dioxide				Supplier		Silicon Dioxide		60676-86-0			0.00148	mg			
				Supplier		Copper Oxide				Supplier		Copper Oxide		1317-38-0			0.00049	mg			
				Supplier		Manganese oxide				Supplier		Manganese oxide		1317-35-7			0.00049	mg			
				Supplier		Bismuth Oxide				Supplier		Bismuth Oxide		1304-76-3			0.00049	mg			
				Supplier		Carbon Black				Supplier		Carbon Black		1333-86-4			0.00148	mg			
				Side Terminal		0.0009	mg			Supplier		Nickel									
				Supplier		Nickel				Supplier		Nickel		7440-02-0			0.00072	mg			
				Supplier		Chromium				Supplier		Chromium		7440-47-3			0.00018	mg			
				Resistive Element		0.06569	mg			Supplier		Silver									
				Supplier		Silver				Supplier		Silver		7440-22-4			0.01519	mg			
				Supplier		Palladium				Supplier		Palladium		7440-05-3			0.00759	mg			
				Supplier		Ruthenium oxide				Supplier		Ruthenium oxide		12036-10-1			0.01139	mg			
				Supplier		Lead oxide				Supplier		Lead oxide		1317-36-8	7c. Lead		0.01329	mg			
				Supplier		Aluminum oxide				Supplier		Aluminum oxide		1344-28-1			0.0019	mg			
				Supplier		Silicon dioxide				Supplier		Silicon dioxide		60676-86-0			0.01139	mg			
				Supplier		Zinc oxide				Supplier		Zinc oxide		1314-13-2			0.00114	mg			
				Supplier		Copper oxide				Supplier		Copper oxide		1317-38-0			0.00038	mg			

+C	-C	Supplier	Manganese oxide	+S	-S	Manganese oxide	1317-35-7		0.00076	mg								
+C	-C	Supplier	Tantalum oxide	+S	-S	Tantalum oxide	1314-61-0		0.00076	mg								
+C	-C	Supplier	Titanium oxide	+S	-S	Titanium oxide	13463-67-7		0.0019	mg								
+M	-M	Protective coating	0.13951	mg	+C	-C	Supplier	Oxide	+S	-S	Bismuth oxide	1304-76-3		0.07511	mg			
					+S	-S	Silicon dioxide	60676-86-0		0.0322	mg							
					+S	-S	Aluminium oxide	1344-28-1		0.01431	mg							
					+S	-S	Zirconium dioxide	1314-23-4		0.00716	mg							
					+S	-S	Barium oxide	1304-28-5		0.00537	mg							
					+S	-S	Zinc oxide	1314-13-2		0.00357	mg							
					+S	-S	Copper phthlocyanine	147-14-8		0.00179	mg							
+M	-M	Protective coating	0.3528	mg	+C	-C	Supplier	Silicon dioxide	+S	-S	Silicon dioxide	60676-86-0		0.3528	mg			
+M	-M	Marking	0.0081	mg	+C	-C	Supplier	Other	+S	-S	Epoxy resin	25068-38-6		0.00324	mg			
					+S	-S	Titanium oxide	13463-67-7		0.00324	mg							
					+S	-S	Talc	14807-96-6		0.00162	mg							
+M	-M	1st.plating	0.108	mg	+C	-C	Supplier	Nickel	+S	-S	Nickel	7440-02-0		0.108	mg			
+M	-M	2nd.plating	0.1089	mg	+C	-C	Supplier	Tin	+S	-S	Tin	7440-31-5		0.1089	mg			