



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 * 2021-06-07	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
	NRCA50 Series		2004-10-01			23.66	mg	Each
Alternate Recommendation	NRCA50 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

Export Data

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Import Data

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 *	4 - Item(s) does not contain RoHS restricted substances per the definition above except for selected exemptions
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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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+ -	7c. Lead in electronic ceramic parts (e.g. piezoelectronic devices).
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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	
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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		Homogeneous Material		Weight	Unit of Measure	Level		Substance Category		Substance		CAS	Exempt	Weight	Unit of Measure	Tolerance		PPM	
		+M	-M	+C	-C			+S	-S	-	+										
+I	-I	NRCA50 Series		+M	-M	Ceramic Substra	21.6	mg	+C	-C	Supplier	Metals and Oxides	+S	-S	Aluminium oxide	1344-28-1		20.736	mg		
		+C	-C	Supplier		Silicon			+S	-S	Silicon dioxide	14808-60-7			0.4536	mg					
		+C	-C	Supplier		Misc not to be decla			+S	-S	-Misc not to be declare	1305-78-8			0.4104	mg					
+M	-M	Inner Electrode		0.27	mg	+C	-C	Supplier	Silver	+S	-S	Silver	7440-22-4			0.25164	mg				
+C	-C	Supplier	Palladium	+S	-S	Palladium	7440-05-3					0.00351	mg								
+C	-C	Supplier	B203	+S	-S	B203	1303-86-2					0.0007	mg								
+C	-C	Supplier	Silicon Dioxide	+S	-S	Silicon Dioxide	7631-86-9					0.00324	mg								
+C	-C	Supplier	Misc, not to be decla	+S	-S	Misc, not to be declare						0.01091	mg								
+M	-M	Resister Film		0.35	mg	+C	-C	Supplier	Ruthenium(IV)oxide	+S	-S	Ruthenium(IV)oxide	12036-10-1			0.06405	mg				
+C	-C	Supplier	B2O3	+S	-S	B2O3	1303-86-2					0.0217	mg								
+C	-C	Supplier	Silicon dioxide	+S	-S	Silicon dioxide	7631-86-9					0.0343	mg								
+C	-C	Supplier	Aluminum oxide (Al2	+S	-S	Aluminum oxide (Al2O3	1344-28-1					0.007	mg								
+C	-C	Supplier	Calcium monoxide	+S	-S	Calcium monoxide	1305-78-8					0.0224	mg								
+C	-C	Supplier	Niobium oxide	+S	-S	Niobium oxide	12059-63-1					0.0084	mg								
+C	-C	Supplier	Lead-monoxide	+S	-S	Lead-monoxide	1317-36-8	7c. Lead				0.15085	mg								
+C	-C	Supplier	Antimonytrioxide	+S	-S	Antimonytrioxide	1309-64-4					0.00525	mg								
+C	-C	Supplier	Zinc oxide	+S	-S	Zinc oxide	1314-13-2					0.0091	mg								
+C	-C	Supplier	Misc., not to declare	+S	-S	Misc., not to declare						0.02695	mg								
+M	-M	Inner Protective		0.21	mg	+C	-C	Supplier	B2O3	+S	-S	B2O3	1303-86-2			0.00672	mg				
+C	-C	Supplier	Silicon Dioxide	+S	-S	Silicon Dioxide	7631-86-9					0.0483	mg								
+C	-C	Supplier	Al2O3	+S	-S	Al2O3	1344-28-1					0.00189	mg								
+C	-C	Supplier	MgO	+S	-S	MgO	1309-48-4					0.00179	mg								
+C	-C	Supplier	Lead-monoxide	+S	-S	Lead-monoxide	1317-36-8					0.13671	mg								

