Material Composition Declaration

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

Supplier Information

Company Name *	Company Unique ID	Unique ID Authority	**Response Date ***	Response Document ID	
NIC Components Corp.			**2020-03-26**		
Contact Name *	Title - Contact	**Phone - Contact ***	**Email - Contact ***	Duplicate Contact -> Authorized Representative	
Michael Mack	Product Engineer	**631-396-7500**	**mike.mack@niccomp.com**		
Authorized Representative *	Title - Representative	**Phone - Representative ***	**Email - Representative ***	Supplier Comments or URL for Additional Information	
Michael Mack	Product Engineer	**631-396-7500**	**mike.mack@niccomp.com**		

Requester Item Number	Mfr Item Number	Mfr Item Name	Effective Date	Version	Manufacturing Site	**Weight ***	UOM	Unit Type
	NCST-A 100 Series Suffix "F"		2004-10-01			0.04308	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) - with Nickel (Ni) barrier	**Not Applicable**	**1**	**260** C	**10** seconds	**2**

Comments

Matte Sn over Ni over Cu

*** Required Field**

Form enabled by Adobe

Save the fields in this form to a file	Export Data	Import fields from a file into this form	Import Data	Clear all of the fields on this form	Reset Form	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	Matthew Ciesinski email:mmatthew.ciesinski@niccomp.com, c=US Digitally signed by Matthew Ciesinski DN: cn=Matthew Ciesinski, o=NIC Components Corp., ou=TPMG, Date: 2014.05.20 13:39:47 -04'00'	

*** Required Field**

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 -	Tolerance +	PPM
+I -I	NCST-A100 Series S	+M -M	Substrate	37.71506	mg	+C -C	Supplier	Ceramic	+S -S	Alumina	1344-28-1		36.20646	mg			
						+S -S	SIO2				14808-60-7		1.13145	mg			
						+S -S	MgO				1309-48-4		0.37715	mg			
+M -M	Upside Electrode		1.08462	mg	+C -C	Supplier	Metals		+S -S	Silver	7440-22-4		1.07377	mg			
					+S -S	Pd					7440-05-3		0.01085	mg			
+M -M	Backside Electro		0.10885	mg	+C -C	Supplier	Metals		+S -S	Silver	7440-22-4		0.10885	mg			
+M -M	Edge Electrodes		0.00293	mg	+C -C	Supplier	Metals		+S -S	Ni	7440-02-0		0.00161	mg			
					+S -S	Cr					7440-47-3		0.00132	mg			
+M -M	Resistive Elemen		1.91903	mg	+C -C	Supplier	Paste		+S -S	RuO2	12036-10-1		0.63328	mg			
					+S -S	PbO					1317-36-8	7c. Lead	0.24947	mg			
					+S -S	Ag					7440-22-4		0.51814	mg			
					+S -S	Glass Frit					65997-18-4		0.51814	mg			
+M -M	Nickel Plating		0.63834	mg	+C -C	Supplier	Metals		+S -S	nickel	7440-02-0		0.63834	mg			
+M -M	Tin Plating		0.63834	mg	+C -C	Supplier	Metals		+S -S	Tin	7440-31-5		0.63834	mg			
+M -M	Primary Overcoa		0.39184	mg	+C -C	Supplier	Glass		+S -S	Glass Frit	65997-18-4		0.39184	mg			
+M -M	Secondary Overc		0.56732	mg	+C -C	Supplier	Metals		+S -S	Bisphenol A typeepoxy	25068-38-6		0.21558	mg			
					+S -S	Carbon black					1333-86-4		0.03404	mg			
					+S -S	Silicon dioxideAdditive					60676-86-0		0.28366	mg			
					+S -S	Additives							0.03404	mg			
+M -M	Marking		0.01367	mg	+C -C	Supplier	Liquid		+S -S	Bisphenol A typeepoxy	25068-38-6		0.01094	mg			
					+S -S	TiO2					13463-67-7		0.00273	mg			

*** Required Field**