ASSOCIATION CONNECTING	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.				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.									
1752-2 1.1	IPC Web Site for Information on IPC-1752 Standard Form T			Form Type * Distribute	k	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information								
Supplier Inform	ation													
Company name*			Company unique ID				Unique ID Authority			Response Date*				
On Semiconductor										2017-11	-13			
Contact Name			Title - Contact				Phone - Contact*			Email - Contact*				
Rastislav Drska			Product Enviro Compliance				+421337902123				Rastislav.Drska@onsemi.com			
Authorized Representative*			Title - Representative				Phone - Representative*			Email - Representative*				
Rastislav Drska			Product Enviro Compliance				+421337902123			Rastislav.Drska@onsemi.com				
Requeste	Requester Item Number Mfr Item		Number	Mfr Item Name			Effective Date	Version	Manufacturing Site		Weight*	UOM	Unit Type	
		NCP4687	7DH15T1G	500MA LDO			2017-11-13		RICOH, RICOH F/G		54.0	mg	Each	
Manufacturing	Proccess Information	n					•			,		1		
Terminal l	Terminal Plating / Grid Array Material		Terminal Base Alloy J-STD-020 MS		J-STD-020 MSL	Rating	Peak Process Body Temperature Max Time at I			ak Temperature Number of Reflow Cycles				
					1		260	C	30	secor	nds 3			

RoHS Material Composition Declaration			Declaration Type *	Detailed					
RoHS Directive 2011/65/EU	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 (1000 PPM) of homogeneous material for Cadmium								
Please indicate whether any homogeneous material (as defined by the RoHS Directive, EU 2011/65/EU and implemented by the laws of the European Union member states) of the part identified on this form contains lead, mercury, cadmium, hexavalentchromium, 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 inexcess 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 correction in determining the completes this form. Supplier completes this form. Supplier completes this form. 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 neter 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 exclusivesource 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 * 1 - Item(s)	does not contain RoHS restricted substances per	r the definition above	Supplier Acceptance	* Accepted					
Exemption: 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								
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	Rastislav Drska								

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).

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.91	mg	Supplier	Silicon (Si)	7440-21-3		0.91	mg
Die Attach	0.12	mg	Supplier	Silver (Ag)	7440-22-4		0.09	mg
			Supplier	Epoxy resins	129915-35-1		0.03	mg
Lead Frame	25.7		Supplier	Silver (Ag)	7440-22-4		0.1953	mg
			Supplier	Tin (Sn)	7440-31-5		0.0129	mg
			В	Nickel (Ni)	7440-02-0		0.0488	mg
			Supplier	Copper (Cu)	7440-50-8		25.443	mg
Mold Compound-Black	26.85		Supplier	Epoxy + Phenol Resin	n/a		5.37	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		3.759	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		17.721	mg
Plating	0.39	mg	Supplier	Tin (Sn)	7440-31-5		0.39	mg
Wire Bond - Au	0.03	mg	Supplier	Gold (Au)	7440-57-5		0.03	mg