ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES OF INTERNATION AND A	IPC. Bannockt	ourn. Illinois. A	Il rights reserved un ntions.	nder both	This docum level parts, t	ent is a declaration en	n of the substar compasses all l	nces within the manufactu ower level materials for v	rer listed which the r	item. Note: if nanufacturer	f the item is an as has engineering	sembly with lowe responsibility.	
	21.1 IPC Web Site for Information on IPC-1752 Standard Fo http://www.ipc.org/IPC-175x Di				te Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater				ials and Mfg Information				
Supplier Information													
Company name* Company			ipany unique ID			Unique ID Authority				Response Date*			
On Semiconductor										2020-08-25			
Contact Name Title - Conta			Contact			Phone - Contact*				Email - Contact*			
Product-Env-Stewards Product Env			ct Enviro Compliance		NA			Produ	Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Repr			Representative		Phone - Representative*			Email -	Email - Representative*				
Product-Env-Stewards Product E			oduct Enviro Compliance			NA			Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Item	n Number	Mfr Item Name			Effective Date	Version	Manufacturing Site		Weight*	UOM	Unit Type	
	NB6L11	NB6L11DTG HF 2.5/3.		F 2.5/3.3V 1:2 DFFAN BU		2020-08-25		MY1		22.7	mg	Each	
Manufacturing Proccess Information	ation												
Terminal Plating / Grid Array M	array Material Terminal Base		Alloy J-STD-020 MSL Rating		Rating	Peak Process Body Temperature Max Ti		rature Max Time at Peal	ak Temperature Number of Reflow Cycles		les		
Matte Tin (Sn) - annealed CU Alloy		CU Alloy	3	3		260	С	30	secon	nds 3			
omments													
TTENTION: MSL 3 Rated item requir	es Bake and D	ry Pack (after	electrical test)										
or more information regarding materia	l composition	please refer to	page 3										

RoHS Material Composition Declaration				Declaration Type *	Detailed					
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	(Pb), Mercury (Hg), Hexavalent Chror	ion: Quantity limit of 0.01% by mass (100 PPM) in homogeneous material for Cadmium and quantity limit of 0.1% by mass (1000 PPM) in homogeneous material for: Lead (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl P), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP).								
cadmium, hexavalentchromium, polybrominate contains a RoHS restricted substance inexcess encompass all such components. Supplier certif as of the date that Supplier completes this form Company acknowledges that Supplier may hav independently verified information provided by certification in this paragraph. If the Company a	ed biphenyls and/or polybrominated dip of an applicable quantity limit, please ir ies that it gathered the information it pro- .Supplier acknowledges that Company e relied on informationprovided by othe y others, Supplier agrees that, at a minin and the Supplier enter into a written agre pource of the Supplier's liability and the	henyl ethers (each a " ndicate below which, i ovides in this form us will rely on this certifiers in completing this num, itssuppliers have eement with respect to Company's remedies	RoHS restricted substance") in exce if any, RoHS exemption you believe ing appropriate methods to ensure if ication in determining the complian form, and that Supplier may not have e provided certifications regarding the to the identified part, the terms and cc for issues that arise regarding inform	ce of its products with European Union membe	ove. If a homogeneous material within the part er level components, the declaration shall l correct to the best of its knowledge and belief, r state laws that implement the RoHS Directive. wever, in situations where Supplier has not tions are at least as comprehensive as the anty rights and/or remedies provided as part of					
RoHS Declaration * 1 - Item(s)	does not contain RoHS restricted substa	ances per the definitio	on 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-2011/534/EU									
Declaration Signature										
Instructions: Complete all of the required fin Requester) and click on Submit Form to have	elds on all pages of this form. Select the form returned to the Requester	he "Accepted" on th	e Supplier Acceptance drop-down	. This will display the signature area. Digital	lly sign the declaration (if required by the					
Supplier Digital Signature Ra	stislav Drska	Le								

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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	1.0	mg	Supplier	Silicon (Si)	7440-21-3		1	mg
Die Attach	0.66	mg	Supplier	Silver (Ag)	7440-22-4		0.495	mg
			Supplier	Epoxy resins	129915-35-1		0.165	mg
Lead Frame	10.38	mg	Supplier	Silver (Ag)	7440-22-4		0.218	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0125	mg
			Supplier	Iron (Fe)	7439-89-6		0.2439	mg
			Supplier	Copper (Cu)	7440-50-8		9.9025	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0031	mg
Mold Compound-Black	9.5	mg		Epoxy Phenol Resin	proprietary		0.9975	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		8.5025	mg
Plating	1.06	mg	Supplier	Tin (Sn)	7440-31-5		1.06	mg
Wire Bond - Au	0.1	mg	Supplier	Gold (Au)	7440-57-5		0.1	mg