ABGOLATION CONNECTING ELECTRONICS (NOUSTRIES+) international and Pan-American	kburn, Illinois. A	All rights reserved un ntions.	nder both	This docume evel parts, t	ent is a declara he declaration	tion of the s encompass	substance es all low	es within the manufactory or level materials for v	urer listed which the	item. Note: manufacture	if the item is an as r has engineering	sembly with lower responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form T http://www.ipc.org/IPC-175x Distribution			 Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi 				rials and N	als and Mfg Information				
Supplier Information													
mpany name* Company unique ID				Unique ID Authority				Respon	Response Date*				
onsemi	emi								2024-0	2024-04-20			
Contact Name	e Title - Contact]	Phone - Contact*				Email	Email - Contact*			
Product-Env-Stewards	Env-Stewards Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative*	orized Representative* Title - Representative]	Phone - Representative*				Email	Email - Representative*			
Product-Env-Stewards Product Enviro Compliance					NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number Mfr I	Mfr Item Number Mfr Item N		n Name		Effective Dat	e Version	1	Manufacturing Site		Weight*	UOM	Unit Type	
NVD.	D5C454NT4G T6 40V DPAK expa update		pansion and port	tfolio	2024-04-20	VN5			350.99	mg	Each		
Manufacturing Proccess Information													
Terminal Plating / Grid Array Material	Terminal Base Alloy J		-STD-020 MSL	Rating	Peak Pro	ocess Body Temperature Max Time at Pea		k Temperature Number of Reflow Cycles		les			
Matte Tin (Sn) - annealed CU Alloy 1				260		С	30	seco	nds 3				
Comments													
level 1 - maximum time at peak temperature during	soldering is 10-3	0 seconds											
For more information regarding material compositi	on please refer to	page 3											

RoHS Material Composition Declaration				Declaration Type *	Detailed					
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	RoHS Definition: 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 (Pb), Mercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl phthalate (BBP), Dibutyl phthalate (DBP), Dibutyl phthalate (DBP), Dibutyl phthalate (DBP), Disobutyl phthalate (DIBP).									
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 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 informationprovided by others in completing this form, and that Supplier may not have independently verified information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, itsuppliers have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the certification in 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 andConditions of Sale applicable to such part shall apply.										
RoHS Declaration * 4 - Item(s) does not contain RoHS restricted subst	ances per the definition above except for sele	ected exempt	ions Supplier Acceptance	* Accepted					
Exemption: 7a: Lead in high melting temp	erature type solders (i.e. lead based sol	der alloys containing 85% by weight or m	ore lead).							
Exemption List Version	EL-2011/534/EU									
Declaration Signature										
Instructions: Complete all of the required Requester) and click on Submit Form to h			e drop-dowi	a. This will display the signature area. Digita	lly sign the declaration (if required by the					
Supplier Digital Signature	astislav 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	0.2	mg	Supplier	Silicon (Si)	7440-21-3		0.2	mg
Die Attach	1.4	mg	А	Lead (Pb)	7439-92-1	7a	1.33	mg
			Supplier	Tin (Sn)	7440-31-5		0.07	mg
Lead Frame	214.64	mg	В	Nickel (Ni)	7440-02-0		0.4293	mg
			Supplier	Copper (Cu)	7440-50-8		214.2107	mg
Mold Compound-Black	129.65	mg		Epoxy resin	proprietary data		9.7238	mg
			Supplier	Phenolic Resin	Proprietary Data		3.2412	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		9.7238	mg
			Supplier	Carbon Black (C)	1333-86-4		0.6482	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		106.313	mg
Plating	3.73	mg	Supplier	Tin (Sn)	7440-31-5		3.73	mg
Wire Bond - Al	1.37	mg	Supplier	Aluminum (Al)	7429-90-5		1.37	mg

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 signar range of distribution unless otherwise noted)