ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INCLUSTRIES	IPC, Bannock	burn, Illinois. A	Il rights reserved nations.	under both	This docume level parts, t	ent is a declarati he declaration e	on of the su	ibstances v s all lower	within the manufactule level materials for w	urer listed i which the r	tem. Note: nanufacture	if the item is an as or has engineering	ssembly with low responsibility.	
				Form Type Distribute	*	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				rials and M	als and Mfg Information			
upplier Information														
Company name*	Company un	Company unique ID			Unique ID Authority				Respon	Response Date*				
onsemi										2024-05	2024-05-15			
ontact Name Title - Contac			tact			Phone - Contact*				Email -	Email - Contact*			
Product-Env-Stewards Prod			Product Enviro Compliance			NA				Produc	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Repre			presentative		Phone - Representative*			Email -	Email - Representative*					
Product-Env-Stewards Pr			Product Enviro Compliance			NA				Produc	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Iter	n Number	Mfr Item Name			Effective Date	Version	Manufacturing Site			Weight*	UOM	Unit Type	
	NVD54 VF01	NVD5484NLT4G- NFET DPAK 60V VF01		7 54A 17MOHM		2024-05-15		v	VN5		350.99	mg	Each	
Aanufacturing Proccess Inform	nation													
Terminal Plating / Grid Array	Material Terminal Base A		Alloy	J-STD-020 MSL Rating		Peak Proc	Peak Process Body Temperatur		are Max Time at Peak Temper		ture Num	ber of Reflow Cyc	cles	
Matte Tin (Sn) - annealed		CU Alloy 1		1		260 C		С	30 seco		seconds 3			
omments														
vel 1 - maximum time at peak temper	rature during so	Idering is 10-3	0 seconds											
or more information regarding mater	ial 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 Chro	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), Disobutyl phthalate (DIBP).									
cadmium, hexavalentchromium, polybromina contains a RoHS restricted substance inexces encompass all such components. Supplier cer as of the date that Supplier completes this for Company acknowledges that Supplier may h independently verified information provided certification in this paragraph. If the Company	ated biphenyls and/or polybrominated dip s of an applicable quantity limit, please in iffies that it gathered the information it pr m.Supplier acknowledges that Company ave relied on informationprovided by oth by others, Supplier agrees that, at a minir and the Supplier enter into a written agr esource of the Supplier's liability and the	henyl ethers (each a "RoHS restricted substa ndicate below which, if any, RoHS exemption ovides in this form using appropriate methoo will rely on this certification in determining ers in completing this form, and that Supplie num, itssuppliers have provided certification eement with respect to the identified part, the Company's remedies for issues that arise reg	nce") in exco n you believe ls to ensure i the compliar r may not ha s regarding t terms and co	e may apply. If the part is an assembly with low s accuracy and that such information is true an ce of its products with European Union member de independently verified such information. Ho neir contributions to the part, and those certifica	ove. If a homogeneous material within the part er level components, the declaration shall d correct to the best of its knowledge and belief, er state laws that implement the RoHS Directive. wever, in situations where Supplier has not ations are at least as comprehensive as the anty rights and/or remedies provided as part of						
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)