ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INTERNATIONAL AND	mposition De 05. IPC, Bannockt 1 Pan-American co	c laration ourn, Illinois. A opyright conve	All rights reserved u ntions.	nder both	This docume level parts, th	ent is a declaration er	n of the substanc compasses all lo	es within the manuf wer level materials f	acturer listed or which the	d item. Note: if e manufacturer	the item is an as has engineering	ssembly with low responsibility.	
(5)_)	IPC Web Site for Information on IPC-1752 Standard Form Ty				e * Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater				aterials and	ials and Mfg Information			
upplier Information													
ompany name*	Company unique ID			τ	Unique ID Authority				Response Date*				
nsemi									2023-06-08				
Contact Name Title - Con			Contact !			Phone - Contact*				Email - Contact*			
Product-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Title			Fitle - Representative			Phone - Representative*			Email	Email - Representative*			
roduct-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Requester Item Number			Number Mfr Item Name			Effective Date	Version	Manufacturing Sit	e	Weight*	UOM	Unit Type	
	FNB805	NB80560T3 IPM SPM8 600V		5A LL	.L 2		2023-06-08		СРА		mg	Each	
Ianufacturing Proccess Infor	mation												
Terminal Plating / Grid Array	Terminal Plating / Grid Array Material Terminal I		e Alloy J-STD-020 MSL H		Rating	Peak Proce	Peak Process Body Temperature		Peak Temper	rature Numb	er of Reflow Cy	cles	
Matte Tin (Sn) - annealed		U Alloy NA			0 C		30	sec	onds 3				
omments													
or more information regarding mate	rial 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), Dibutyl 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	21.6159	mg	Supplier	Silicon (Si)	7440-21-3		21.6159	mg
Die Attach Epoxy	2.0	mg	Supplier	Poly(oxypropylene)diamine	9046-10-0		0.06	mg
			Supplier	Miscellaneous	Trade Secret		0.1	mg
			Supplier	Silver (Ag)	7440-22-4		1.7	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.14	mg
Die Attach Solder	40.0	mg	Supplier	Silver (Ag)	7440-22-4		1	mg
			А	Lead (Pb)	7439-92-1	7a	37	mg
			Supplier	Tin (Sn)	7440-31-5		2	mg
Lead Frame	1450.0	mg	Supplier	Silver (Ag)	7440-22-4		365.4	mg
			Supplier	Copper (Cu)	7440-50-8		1084.6	mg
Mold Compound-Black	2264.0	mg		Other Epoxy resins	proprietary data		113.2	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		135.84	mg
			Supplier	Carbon Black (C)	1333-86-4		11.32	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		362.24	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		135.84	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		1505.5601	mg
Plating	22.5	mg	Supplier	Tin (Sn)	7440-31-5		22.5	mg
Wire Bond - Cu	20.0	mg	Supplier	Palladium (Pd)	7440-05-3		0.4	mg
			Supplier	Copper (Cu)	7440-50-8		19.6	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 sigma range of distribution unless otherwise noted).