ASEDCIATION CONNECTING ELECTRONICS INDUSTRIES® INCLUSTRIES	nposition De 5. IPC, Bannockt Pan-American co	c laration ourn, Illinois. A opyright conve	All rights reserved untions.	under both	This docume level parts, t	ent is a declaration en declaration	on of the substan acompasses all lo	ces within the ma wer level materia	nufacturer list als for which t	ted item. Note: i he manufacturer	f the item is an as has engineering	ssembly with low responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Tyr				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				s Materials an	ials and Mfg Information			
upplier Information													
Company name*			Company unique ID			Unique ID Authority				Response Date*			
onsemi										2025-05-14			
Contact Name Title - Contact			ct	Ph		Phone - Contac	Phone - Contact*			Email - Contact*			
Product-Env-Stewards Pr			Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
Authorized Representative* Title -			itle - Representative			Phone - Representative*			Ema	Email - Representative*			
roduct-Env-Stewards	Product Enviro Compliance				NA			Pro	Product-Env-Stewards@onsemi.com				
Requester Item Number Mfr Iter		n Number Mfr Item Name				Effective Date	Version	Manufacturing	g Site	Weight*	UOM	Unit Type	
	NGTG12	NGTG12N60TF1G 600V 12A IGH		T TO-3PF		2025-05-14		KR8		5469.94	mg	Each	
Ianufacturing Proccess Inform	nation												
Terminal Plating / Grid Array	Terminal Plating / Grid Array Material Terminal Base		Alloy	y J-STD-020 MSL Rating		Peak Process Body Temperature Max		ature Max Time	at Peak Temp	perature Numb	er of Reflow Cy	cles	
Matte Tin (Sn) - annealed		U Alloy NA			0 C		30	S	econds 3				
omments													
or more information regarding mater	ial composition	please refer to	o 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.

sigma range of distribution unless otherwise noted).									
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	2.07	mg	Supplier	Silicon (Si)	7440-21-3		2.07	mg	
Die Attach	18.0	mg	Supplier	Silver (Ag)	7440-22-4		0.27	mg	
			А	Lead (Pb)	7439-92-1	7a	16.83	mg	
			Supplier	Tin (Sn)	7440-31-5		0.9	mg	
Lead Frame	2500.0	mg	Supplier	Iron (Fe)	7439-89-6		2.5	mg	
			Supplier	Copper (Cu)	7440-50-8		2496.75	mg	
			Supplier	Phosphorus (P)	7723-14-0		0.75	mg	
Mold Compound-Black	2937.0	mg		Phenolic Resin	proprietary data		234.96	mg	
			Supplier	Epoxy Phenol Resin	Proprietary Data		308.385	mg	
			В	Antimony Trioxide (Sb2O3)	1309-64-4		44.055	mg	
			Supplier	Carbon Black (C)	1333-86-4		7.3425	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		2342.2576	mg	
Plating	12.0	mg	Supplier	Tin (Sn)	7440-31-5		12	mg	
Wire Bond - Al	0.87	mg	Supplier	Aluminum (Al)	7429-90-5		0.87	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