ASSOCIATION CONNECTING ELECTRONICS INDUSTRIESS International and Pa	IPC. Bannockl	ourn, Illinois, A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declaration he declaration en	on of the su acompasses	bstances v all lower	vithin the manufactu level materials for v	urer listed which the	item. Note: manufacture	if the item is an as or has engineering	sembly with low responsibility.	
				Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and M					Afg Informa	tion			
upplier Information														
Company name* Con			Company unique ID			Unique ID Authority				Respon	Response Date*			
onsemi											2024-04-19			
ntact Name Title - Contact				Phone - Contact*				Email - Contact*						
Product-Env-Stewards Product Er			ct Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Repre			resentative			Phone - Representative*				Email	Email - Representative*			
Product-Env-Stewards Pr			Product Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Iten	n Number	Mfr Item Name			Effective Date	Date Version Manufacturing Site		lanufacturing Site		Weight*	UOM	Unit Type	
	FQT4N2	N20LTF QF 200V 1.75ohm l		n L SOT223		2024-04-19 KI		KR3		118.973	mg	Each		
Ianufacturing Proccess Information	ation													
Terminal Plating / Grid Array M	Iaterial 7	1 Terminal Base Alloy J		J-STD-020 MSI	L Rating	Peak Proce	ocess Body Temperature Max Time at Peak		k Tempera	ature Num	ber of Reflow Cyc	eles		
Matte Tin (Sn) - annealed CU Alloy		CU Alloy	1			<b>260</b> C		С	<b>30</b> seco		seconds 3			
omments														
vel 1 - maximum time at peak temperat	ture during so	ldering is 10-3	0 seconds											
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 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 (DBP), Dibutyl phthalate (DBP).										
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	1.54	mg	Supplier	Silicon (Si)	7440-21-3		1.54	mg
Die Attach	0.541	mg	Supplier	Silver (Ag)	7440-22-4		0.0081	mg
			А	Lead (Pb)	7439-92-1	7a	0.5058	mg
			Supplier	Tin (Sn)	7440-31-5		0.0271	mg
Lead Frame	66.944	mg	Supplier	Silver (Ag)	7440-22-4		0.234	mg
			Supplier	Zinc (Zn)	7440-66-6		0.08	mg
			Supplier	Iron (Fe)	7439-89-6		1.61	mg
			Supplier	Copper (Cu)	7440-50-8		65	mg
			Supplier	Phosphorus (P)	7723-14-0		0.02	mg
Mold Compound-Black	41.108	mg	Supplier	2,2'-[(1-Methylethylidene)bis[(dibromo- 4,1- phenylene)oxymethylene]]bis[oxirane]- 4,4'-(1-methylethylidene)bis[2,6- dibromopheno]] copolymer	68928-70-1		0.6166	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		0.8222	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2055	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		30.831	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		4.5219	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		3.2886	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		0.8222	mg
Plating	8.29	mg	Supplier	Tin (Sn)	7440-31-5		8.29	mg
Wire Bond - Au	0.55	mg	Supplier	Gold (Au)	7440-57-5		0.55	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).