© Copyright	l Composition De ht 2005. IPC, Bannock al and Pan-American c	burn, Illinois. A	Il rights reserved untions.	under both	This docume level parts, th	ent is a declarati he declaration e	on of the su	bstances v all lower	vithin the manufactur level materials for w	rer listed ite hich the ma	m. Note: i nufacturer	f the item is an as r has engineering	sembly with low responsibility.
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				*	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				als and Mfg Information			
upplier Information													
Company name* Compa			ompany unique ID			Unique ID Authority				Response Date*			
onsemi										2024-04-18			
Contact Name Title - Co			itle - Contact			Phone - Contact*				Email - Contact*			
Product-Env-Stewards Product			roduct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Re			e - Representative			Phone - Representative*			Email - Representative*				
Product-Env-Stewards Product			roduct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
Requester Item Number	n Number Mfr Item Numb		Number Mfr Item Name			Effective Date	Version	Version Manufacturing Site		V	eight*	UOM	Unit Type
	QT7510	X	RFIC 5x5 5GHz 11ax			2024-04-18		K	KRM		36.0	mg	Each
Ianufacturing Proccess I	nformation					-							
Terminal Plating / Grid	Terminal Plating / Grid Array Material Terminal Base		Alloy J-STD-020 MSL Rating		Rating	Peak Process Body Temperature Max Ti		e Max Time at Peak	ak Temperature Number of Reflow Cycles			les	
SnAgCu CU Alloy		CU Alloy	3			260 C 30		30	seconds 3				
omments													
FTENTION: MSL 3 Rated iten	n requires Bake and l	Dry Pack (after	electrical test)										
or more information regarding	material 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 Chror	ion: 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 (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl P), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP).									
cadmium, hexavalentchromium, polybrominate contains a RoHS restricted substance inexcess encompass all such components. Supplier certif as of the date that Supplier completes this form Company acknowledges that Supplier may hav independently verified information provided by certification in this paragraph. If the Company a	ed biphenyls and/or polybrominated dip of an applicable quantity limit, please ir ies that it gathered the information it pro- .Supplier acknowledges that Company e relied on informationprovided by othe y others, Supplier agrees that, at a minin and the Supplier enter into a written agre pource of the Supplier's liability and the	henyl ethers (each a " ndicate below which, i ovides in this form us will rely on this certifiers in completing this num, itssuppliers have eement with respect to Company's remedies	RoHS restricted substance") in exce if any, RoHS exemption you believe ing appropriate methods to ensure if ication in determining the complian form, and that Supplier may not have e provided certifications regarding the to the identified part, the terms and co for issues that arise regarding inform	ce of its products with European Union membe	ove. If a homogeneous material within the part er level components, the declaration shall l correct to the best of its knowledge and belief, r state laws that implement the RoHS Directive. wever, in situations where Supplier has not tions are at least as comprehensive as the anty rights and/or remedies provided as part of						
RoHS Declaration * 1 - Item(s)	does not contain RoHS restricted substa	on above	Supplier Acceptance	* Accepted							
Exemption: If the declared item does not con applicable exemptions.	ntain RoHS restricted substances per	the definition above	except for defined RoHS exempti	ons, then select the corresponding response i	n the RoHS Declaration above and choose all						
Exemption List Version	EL-2011/534/EU										
Declaration Signature											
Instructions: Complete all of the required fin Requester) and click on Submit Form to have	elds on all pages of this form. Select the form returned to the Requester	he "Accepted" on th	e Supplier Acceptance drop-down	. This will display the signature area. Digital	lly sign the declaration (if required by the						
Supplier Digital Signature Ra	stislav 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	16.6	mg	Supplier	Silicon (Si)	7440-21-3		16.6	mg
Laminate Board	28.7	mg	Supplier	Fiber Glass (SiO2)	65997-17-3		8.61	mg
			Supplier	Cured Resin of Solder Mask	Proprietary Data		8.61	mg
			Supplier	Copper (Cu)	7440-50-8		11.48	mg
Mold Compound-Black	106.8	mg	Supplier	Carbon Black (C)	1333-86-4		0.534	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		94.518	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		5.874	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		5.874	mg
Solder Ball	21.6	mg	Supplier	Silver (Ag)	7440-22-4		0.648	mg
			Supplier	Tin (Sn)	7440-31-5		20.844	mg
			Supplier	Copper (Cu)	7440-50-8		0.108	mg
Solder Mask	12.3	mg	Supplier	Talc	14807-96-6		0.615	mg
			Supplier	Naphthalene	91-20-3		0.246	mg
			Supplier	Phosphinoxide Derivative	Proprietary Data		0.615	mg
			Supplier	2-(2-methoxypropoxy)propanol	34590-94-8		1.476	mg
			Supplier	4,4'-Bis(2,3-epoxypropoxy)-3,3',5,5'- tetramethylbiphenyl	85954-11-6		2.829	mg
			Supplier	Solvent Naphtha (Solvent oil)	64742-94-5		1.722	mg
			Supplier	Barium Sulfate (BaSO4)	7727-43-7		4.797	mg