	CONNECTING CS INDUSTRIES® international and Pan	<b>Osition Dec</b> PC, Bannockb -American co	c <b>laration</b> ourn, Illinois. A opyright conve	All rights reserved u ntions.	nder both	This docume level parts, t	ent is a declara he declaration	tion of encomp	the substances passes all low	s within the man er level materials	afacturer list for which the	ed item. Note: he manufactur	if the item is an a er has engineering	ssembly with lowe responsibility.	
1752-21.1	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				Materials an	als and Mfg Information					
Supplier	r Information														
Company	name*	Company unique ID				Unique ID Authority				Res	Response Date*				
onsemi										2024	2024-04-09				
Contact N	lame	Title - Contact				Phone - Contact*				Ema	Email - Contact*				
Product-I	Env-Stewards		Product Enviro Compliance				NA				Pro	Product-Env-Stewards@onsemi.com			
uthorize	ed Representative*		Title - Representative				Phone - Representative*				Ema	Email - Representative*			
Product-I	Env-Stewards	Product Enviro Compliance				NA				Pro	Product-Env-Stewards@onsemi.com				
	Requester Item Number Mfr Item Num   MBR2030CT MBR2030CT		Number Mfr Item Name				Effective Date	e Ver	Version Manufacturing Site		lite	Weight*	UOM	Unit Type	
			BOCTLG	G REC T0220 20A 30V SHTKY			2024-04-09 VN5			1962.01	mg	Each			
/Ianufa	cturing Proccess Informat	tion										1	1	I	
	Terminal Plating / Grid Array Material		Ferminal Base Alloy J-STD-020 MS		L Rating	Peak Process Body Temperatu		re Max Time a	t Peak Temp	erature Nun	nber of Reflow Cy	cles			
	Matte Tin (Sn) - annealed		CU Alloy NA			0 C		30	se	econds 3					
Comments	5														
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 Chro	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 Mercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl ate (BBP), Dibutyl phthalate (DBP), Diisobutyl 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	3.55	mg	Supplier	Silicon (Si)	7440-21-3		3.55	mg
Die Attach	82.98	mg	А	Lead (Pb)	7439-92-1	7a	74.682	mg
			Supplier	Tin (Sn)	7440-31-5		8.298	mg
Lead Frame	1300.04	mg	Supplier	Copper (Cu)	7440-50-8		1300.04	mg
Mold Compound-Black	k 543.9	mg		Metal Hydroxide	proprietary data		38.073	mg
			Supplier	Carbon Black (C)	1333-86-4		2.7195	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		407.925	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		81.585	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		13.5975	mg
Plating	31.13	mg	Supplier	Tin (Sn)	7440-31-5		31.13	mg
Wire Bond - Al	0.41	mg	Supplier	Aluminum (Al)	7429-90-5		0.41	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 (-) tolerance in percent (Note: percent tolerance values are expected to cover a 3 sigma range of distribution unless otherwise noted)