ABSOCIATION CONNECTING ELECTRONICE INDUSTRIES INTERNING INDUSTRIES	kburn, Illinois. Al	ll rights reserved ur tions.	nder both This doct level part	ment is s, the de	a declaratio	on of the sub ncompasses	ostances all lowe	within the manufactur r level materials for wl	er listed i hich the r	item. Note: it nanufacturer	the item is an as has engineering	sembly with lower responsibility.
	IPC Web Site for Information on IPC-1752 Standard Form T http://www.ipc.org/IPC-175x Distribution			* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				als and Mfg Information				
Supplier Information												
Company name* Company unique ID				Unique ID Authority					Response Date*			
nsemi								2023-06-06				
Contact Name	Name Title - Contact			Phone - Contact*				Email - Contact*				
duct-Env-Stewards Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Representative				Phone - Representative*				Email - Representative*				
Product-Env-Stewards Product Enviro Compliance			e NA						Product-Env-Stewards@onsemi.com			
Requester Item Number Mfr I	em Number	Mfr Item Name		Effe	ctive Date	Version	Ν	Manufacturing Site		Weight*	UOM	Unit Type
TCP-	056UB-DT WLCSP6, 5.6pf hi		igh Q PTIC in tape and re	el 2023	3-06-06	5-06 PHM		РΗМ		0.897	mg	Each
Manufacturing Proccess Information												
Terminal Plating / Grid Array Material	Terminal Plating / Grid Array Material Terminal Base Alloy J				Peak Proce	ess Body Tei	mperatur	e Max Time at Peak	Tempera	ture Numb	er of Reflow Cyc	eles
NE CU Alloy 1					260		С	30	secor	nds 3		
Comments												
level 1 - maximum time at peak temperature during	soldering is 10-30) seconds										
For more information regarding material compositi	on please refer to	page 3										

RoHS Material Composition Declaration				Declaration Type *	Detailed
Directive 2015/863/EU amending RoHS Directive 2011/65/EU		nium (Cr6+), Polybro	ominated Biphenyls (PBB), Polybron	dmium and quantity limit of 0.1% by mass (100 minated Diphenyl Ethers (PBDE), and Bis(2-eth	
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 v 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 cc 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		Substance	CAS	Exempt	Weight	Unit of Measure	
Backside Protection Film	0.036	mg		Epoxy resin	proprietary data		0.0108	mg
			Supplier	Poly(Ethylene Terephthalate) (C10H8O4)	25038-59-9		0.0216	mg
			Supplier	Silicone polymer	Proprietary Data		0.0014	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0007	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		0.0011	mg
			Supplier	Acrylic resins	Proprietary Data		0.0004	mg
Plating	0.0033	mg	Supplier	Silver (Ag)	7440-22-4		0.0004	mg
			В	Nickel (Ni)	7440-02-0		0.0019	mg
			Supplier	Gold (Au)	7440-57-5		0.001	mg
Solder Ball	0.0398	mg	Supplier	Silver (Ag)	7440-22-4		0.0012	mg
			Supplier	Tin (Sn)	7440-31-5		0.0384	mg
			Supplier	Copper (Cu)	7440-50-8		0.0002	mg
Substrate	0.8179	mg	Supplier	BST (BaSrTiO3)	12430-73-8		0.001	mg
			Supplier	Silicon Nitride Si3N4	12033-89-5		0.0334	mg
			Supplier	Titanium (Ti)	7440-32-6		0.0001	mg
			Supplier	Platinum (Pt)	7440-06-4		0.0025	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.0057	mg
			Supplier	Chromium (Cr)	7440-47-3		0	mg
			Supplier	Silicon (Si)	7440-21-3		0	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.772	mg
			Supplier	Copper (Cu)	7440-50-8		0	mg
			Supplier	Aluminum (Al)	7429-90-5		0.0032	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).