ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES	churn, Illinois, All rights reserve	ed under both Thi	is documen el parts, the	nt is a declaration e declaration end	n of the substance compasses all low	s within the manufacture rer level materials for wh	er listed item hich the man	n. Note: if th ufacturer ha	ne item is an as as engineering	sembly with lower responsibility.	
IPC Web Site for Information on http://www.ipc.org/IPC-175x	IPC Web Site for Information on IPC-1752 Standard Form Typ			Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information							
Supplier Information											
Company name*	any name* Company unique ID			Unique ID Authority			Response Date*				
onsemi								2023-06-08			
Contact Name	Title - Contact		P	Phone - Contact*			Email - Contact*				
Product-Env-Stewards	v-Stewards Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
Authorized Representative*		Phone - Representative*			Email - Representative*						
Product-Env-Stewards		NA				Product-Env-Stewards@onsemi.com					
Requester Item Number Mfr Ite	m Number Mfr Item Nam	Mfr Item Name		Effective Date	Version	Manufacturing Site		ight*	UOM	Unit Type	
FS6377	7-01IG-XTD FS6377-01IG	CLOCK ASSP, I	2	2023-06-08		PHG	166	5.31	mg	Each	
Manufacturing Proccess Information	·										
Terminal Plating / Grid Array Material	Terminal Base Alloy	J-STD-020 MSL Ra	ating	Peak Process Body Temperatur		ure Max Time at Peak	Temperature	Number	of Reflow Cyc	les	
Matte Tin (Sn) - annealed CU Alloy 2		2		260	С	30	seconds	3			
Comments											
ATTENTION: MSL 2 Rated item requires Dry Pack	(after electrical test)										
for more information regarding material composition	n please refer to page 3										

RoHS Material Composition Declaration				Declaration Type *	Detailed					
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	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), Disobutyl 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 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	ances per the definitio	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.

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).								
Homogeneous Material	rial Weight Unit of Measure Level Substance		CAS	Exempt	Weight	Unit of Measure		
Die	8.95	mg	Supplier	Silicon (Si)	7440-21-3		8.95	mg
Die Attach	2.43	mg	Supplier	Epoxized Condensate Of Para- Hydrobenzaldehyde And Alkyl Phenol	129915-35-1		0.5589	mg
			Supplier	Silver (Ag)	7440-22-4		1.8711	mg
Lead Frame	58.58	mg	Supplier	Zinc (Zn)	7440-66-6		0.0586	mg
			Supplier	Iron (Fe)	7439-89-6		1.3473	mg
			Supplier	Copper (Cu)	7440-50-8		57.1155	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0586	mg
Mold Compound-Black	93.89	mg		Epoxy Phenol Resin	proprietary data		9.8584	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		84.0315	mg
Plating	1.91	mg	Supplier	Tin (Sn)	7440-31-5		1.91	mg
Wire Bond - Au	0.55	mg	Supplier	Gold (Au)	7440-57-5		0.55	mg