	Material Composit © Copyright 2005. IPC, international and Pan-Ar	Bannockb	urn, Illinois. A	ll rights reserved untions.	nder both	This docume level parts, t	ent is a declara he declaration	ion of the encompas	substance ses all low	s within the 1 er level mate	nanufactur rials for wl	er listed it hich the m	em. Note: anufacture	if the item is an as er has engineering	ssembly with lower responsibility.
1752-21.1	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					
Supplier Informa	tion														
Company name*			Company unique ID				Unique ID Authority					Response Date*			
onsemi										2023-06-08					
Contact Name	Title - Contact				Phone - Contact*				Email - Contact*						
Product-Env-Stewards			Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com			
Authorized Representative*			Title - Representative				Phone - Representative*				Email - Representative*				
Product-Env-Steward	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com						
Requester	Requester Item Number Mfr Iten		n Number Mfr Item Name				Effective Date	Pate Version Manufacturing Site			Weight*	UOM	Unit Type		
		LE25S20FDW00-AH		2M bit serial flash memory			2023-06-08				(50.0	mg	Each	
Manufacturing P	roccess Information	1						-							
Terminal Plating / Grid Array Material Term			erminal Base A	rminal Base Alloy J-STD-020 MSL R			Peak Process Body Temperature Max Time at Pea			ne at Peak	Temperature Number of Reflow Cycles				
Matte Tin (Sn) - annealed CU All			U Alloy	Alloy 3			260 C 30				seconds 3				
Comments															
ATTENTION: MSL 3	8 Rated item requires Ba	ke and D	ry Pack (after	electrical test)											
For more information	regarding material com	position 1	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	HS 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 b), Mercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl thalate (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 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 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 contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.												
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	0.64	mg	Supplier	Silicon (Si)	7440-21-3		0.6355	mg
			Supplier	Polyimide	Proprietary Data		0.0045	mg
Die Attach	0.17	mg		Epoxy resin	proprietary data		0.0425	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.1275	mg
Lead Frame	25.37	mg	Supplier	Silver (Ag)	7440-22-4		0.789	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0482	mg
			Supplier	Iron (Fe)	7439-89-6		0.6266	mg
			Supplier	Copper (Cu)	7440-50-8		23.9062	mg
Mold Compound-Black	31.84	mg		Epoxy Phenol Resin	proprietary data		3.3432	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		28.4968	mg
Plating	1.89	mg	Supplier	Tin (Sn)	7440-31-5		1.89	mg
Wire Bond - Au	0.09	mg	Supplier	Gold (Au)	7440-57-5		0.09	mg