Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.					This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.										
1752-21.1	IPC Web Site for Information on IPC 1752 Standard Form Type				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					ous Materia	ials and Mfg Information				
Supplier	Information														
Company name* Company				pany unique ID			Unique ID Authority					Response Date*			
onsemi												2023-06-12			
Contact Na	ame	Title - Contact				Phone - Contact*				Email - Contact*					
Product-E	nv-Stewards		Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com			
<b>Authorized</b>	l Representative*	Title - Representative				Phone - Representative*				Email - Representative*					
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
	Requester Item Number Mfr Item		Number Mfr Item Name				Effective Date   Version   Manufacturing Site		ng Site	W	eight*	UOM	Unit Type		
		L78LR05D-MA-E Linear regula		Linear regulator			2023-06-12		РНМ		350.0 m		mg	Each	
Manufac	cturing Proccess Informa	tion													
,	Terminal Plating / Grid Array Material		Ferminal Base Alloy J-STE		STD-020 MSI	L Rating	Peak Process Body Temper		<b>Femperatu</b>	ture Max Time at Peak T		Temperatur	e Numb	er of Reflow Cyc	eles
,	contains Bi		CU Alloy NA		Ά		<b>0</b> C		30 seco		seconds	3			
Comments															
or more i	nformation 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  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), Diisobutyl phthalate (DIBP).											
Please indicate whether any homogeneous material (as defined by the RoHS Directive, EU 2011/65/EU and implemented by the laws of the European Union member states) of the part identified on this form contains lead, mercury, cadmium, hexavalentchromium, polybrominated biphenyls and/or polybrominated diphenyl ethers (each a "RoHS restricted substance") in excess of the applicable quantity limit identified above. If a homogeneous material within the part contains a RoHS restricted substance inexcess of an applicable quantity limit, please indicate below which, if any, RoHS exemption you believe may apply. If the part is an assembly with lower level components, the declaration shall encompass all such components. Supplier certifies that it gathered the information it provides in this form using appropriate methods to ensure its accuracy and that such information is true and correct to the best of its knowledges and belief, as of the date that Supplier completes this form. Supplier acknowledges that Company will rely on this certification in determining the compliance of its products with European Union member state laws that implement the RoHS Directive. Company acknowledges that Supplier may have relied on information provided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, its suppliers have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the certification in this paragraph. If the Company and the Supplier have provided as part of that agreement, will be the sole and exclusivesource of the Supplier's liability and the Company's remedies for issues that arise regarding information the Supplier provides in this form. In the absence of such written agreement, the warranty rights and/or remedies of Supplier's Standard Terms and Conditions of Sale app											
RoHS Declaration * 4 - Item(s	) does not contain RoHS restricted substance	es per the definition above except for selected exemp	otions Supplier Acceptance	* Accepted							
Exemption: 7a: Lead in high melting temper	erature type solders (i.e. lead based solder	alloys containing 85% by weight or more lead).									
Exemption List Version	EL-2011/534/EU										
Declaration Signature											
Instructions: Complete all of the required f Requester) and click on Submit Form to ha		'Accepted" on the Supplier Acceptance drop-dow	n. This will display the signature area. Digita	lly sign the declaration (if required by the							
Supplier Digital Signature Ra	astislav Drska	-6_									

## **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	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	2.09	mg	Supplier	Silicon (Si)	7440-21-3		2.0823	mg
			Supplier	Polyimide	Proprietary Data		0.0077	mg
Die Attach	0.61	mg	Supplier	Silver (Ag)	7440-22-4		0.0183	mg
			A	Lead (Pb)	7439-92-1	7a	0.5734	mg
			Supplier	Tin (Sn)	7440-31-5		0.0122	mg
			Supplier	Copper (Cu)	7440-50-8		0.0061	mg
Lead Frame	200.55	mg	Supplier	Tin (Sn)	7440-31-5		0.2808	mg
			Supplier	Copper (Cu)	7440-50-8		200.2692	mg
Mold Compound-Black	139.54	mg		Brominated epoxy resin	proprietary data		1.814	mg
			Supplier	Epoxy Phenol Resin	Proprietary Data		16.0471	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		2.7908	mg
			Supplier	Carbon Black (C)	1333-86-4		0.6977	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		14.9308	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		103.2596	mg
Plating	7.08	mg	В	Bismuth (Bi)	7440-69-9		0.0425	mg
			Supplier	Tin (Sn)	7440-31-5		7.0375	mg
Wire Bond - Au	0.13	mg	Supplier	Gold (Au)	7440-57-5		0.13	mg