52-21.1	IPC Web Site for Info		pyright conver	ll rights reserved un ntions.	nder both level part	s, the declara	ation end	compasses a	all lower	within the manufacture level materials for wh	hich the m	nanufacturer	has engineering	responsibility.	
		IPC Web Site for Information on IPC-1752 Standard Form Typhttp://www.ipc.org/IPC-175x Distribute				Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mf					fg Information	on			
applier Inf	formation														
Company name*			Company unique ID			Unique ID Authority					Response Date*				
semi												2023-06-08			
ontact Name			Title - Contact			Phone - Contact*					Email - Contact*				
roduct-Env-S	Stewards		Product Enviro Compliance			NA	NA				Product-Env-Stewards@onsemi.com				
thorized Re	presentative*		Title - Representative			Phone - F	Phone - Representative*				Email - Representative*				
Product-Env-Stewards			Product Enviro Compliance			NA	NA				Product-Env-Stewards@onsemi.com				
Reg	quester Item Number	LB11660RV-TLM-E 1PH PRE SE pre-driver wit		Number Mfr Item Name		Effective	e Date	Version	N	Manufacturing Site		Weight*	UOM	Unit Type	
					ill sensor method (open		-08		P	РНМ		80.0	mg	Each	
lanufactur	ring Proccess Informati	ion													
Tern	Terminal Plating / Grid Array Material T		Terminal Base Alloy J-ST		-STD-020 MSL Rating	Peal	Peak Process Body Temp		nperatur	rature Max Time at Peak Temp		ure Numbe	r of Reflow Cyc	les	
contains Bi		CU Alloy 3			260	260 C 30		30	seconds 3						
mments															
TENTION:	MSL 3 Rated item requires	Bake and D	ry Pack (after	electrical test)											

RoHS Material Composition Declaration			Declaration Type *	Detail	led					
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 knowledge 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 paragraph. If the Company and the Supplier has 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 has not or written agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies of Supplier's Standard Terms and Conditions of Sale applicable to such part shall apply.										
RoHS Declaration * 1 - Item	(s) does not contain RoHS restricted substa	ances per the definition above	Supplier Ac	ceptance *	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										
Instructional Complete all of the required	fields on all neggs of this form. Calcut th		a duan dawn. This will display the signature on	a Digitally sign	the declaration (if recurined by the					
Instructions: Complete all of the required Requester) and click on Submit Form to			e drop-down. This will display the signature ar	ea. Digitally sign	the declaration (if required by the					

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	2.94	mg	Supplier	Silicon (Si)	7440-21-3		2.9291	mg
			Supplier	Polyimide	Proprietary Data		0.0109	mg
Die Attach	0.6	mg	Supplier	Silver (Ag)	7440-22-4		0.4082	mg
			Supplier	Epoxy resins	129915-35-1		0.1735	mg
			Supplier	Other Metal Oxide	Proprietary Data		0.0131	mg
			В	Antimony Pentoxide (Sb2O5)	1314-60-9		0.0052	mg
Lead Frame	6.56	mg	Supplier	Zinc (Zn)	7440-66-6		0.0085	mg
			Supplier	Iron (Fe)	7439-89-6		0.1542	mg
			Supplier	Copper (Cu)	7440-50-8		6.3921	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0052	mg
Mold Compound-Black	68.39	mg		Brominated epoxy resin	proprietary data		0.6839	mg
			Supplier	Epoxy Phenol Resin	Proprietary Data		0.5471	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		0.6839	mg
			Supplier	Carbon Black (C)	1333-86-4		0.6839	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		57.4476	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		8.2068	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		0.1368	mg
Plating	1.13	mg	В	Bismuth (Bi)	7440-69-9		0.0068	mg
			Supplier	Tin (Sn)	7440-31-5		1.1232	mg
Wire Bond - Au	0.38	mg	Supplier	Gold (Au)	7440-57-5		0.38	mg