Authorized Representative* Title - Representative Phone - Representative* Email - Representative*	This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with low level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.					
Company name* Company unique ID Unique ID Authority Company unique ID Unique ID Authority Company unique ID Contact Name Contact Name Title - Contact Product Enviro Compliance Authorized Representative* Product-Env-Stewards Product Enviro Compliance NA Product-Env-Stewards@onse Product-Env-Stewards Product-Env-Stewards@onse Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight* UOM Representative Weight* UOM Representative Product-Env-Fight Uom Response Date* Representative Email - Contact* Product-Env-Stewards@onse NA Product-Env-Stewards@onse NA Product-Env-Stewards@onse Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight* UOM Representative Uom Representative Version Manufacturing Site	rials and Mfg Information					
2023-06-08 202						
Contact Name Title - Contact Product-Env-Stewards Product Enviro Compliance Authorized Representative* Title - Representative Product-Env-Stewards NA Product-Env-Stewards@onse Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight* UOM FOD817B3SD 4PB TR T&R VDE 2023-06-08 LITEONFG 212.0 mg	Response Date*					
Product-Env-Stewards Authorized Representative* Product-Env-Stewards Product Enviro Compliance Title - Representative Product-Env-Stewards Product-Env-Stewa	2023-06-08					
Authorized Representative* Product-Env-Stewards Product Enviro Compliance Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight* UOM FOD817B3SD 4PB TR T&R VDE 2023-06-08 LITEONFG 212.0 mg	Email - Contact*					
Product-Env-Stewards Product Enviro Compliance Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight* UOM FOD817B3SD 4PB TR T&R VDE 2023-06-08 LITEONFG 212.0 mg	Product-Env-Stewards@onsemi.com					
Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight* UOM FOD817B3SD 4PB TR T&R VDE 2023-06-08 LITEONFG 212.0 mg	Email - Representative*					
FOD817B3SD 4PB TR T&R VDE 2023-06-08 LITEONFG 212.0 mg	Product-Env-Stewards@onsemi.com					
	Unit Type					
Janufacturing Process Information	Each					
Terminal Plating / Grid Array Material Terminal Base Alloy J-STD-020 MSL Rating Peak Process Body Temperature Max Time at Peak Temperature Number of Reflow	Cualos					
Matte Tin (Sn) - annealed CU Alloy 1 CU A	Cycles					
omments evel 1 - maximum time at peak temperature during soldering is 10-30 seconds						
or more information regarding material composition please refer to page 3						

RoHS Material Composition Declaration			Declaration Type *	Detail	ed				
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 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'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 applicable to such part shall apply.									
RoHS Declaration * 1 - Item	(s) does not contain RoHS restricted substar	nces per the definition above	Supplier A	cceptance *	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									
		e "Accepted" on the Supplier Acceptance	drop-down. This will display the signature a	rea. Digitally sign t	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
Coupling Gel	0.74	mg	Supplier	Filler (SiO2)	68909-20-6		0.148	mg
			Supplier	Dimethyl Siloxane	68083-19-2		0.592	mg
Die	0.099	mg	В	Gallium Arsenide (AsGa)	1303-00-0		0.033	mg
			Supplier	Silicon (Si)	7440-21-3		0.066	mg
Die Attach	0.085	mg	Supplier	Silver (Ag)	7440-22-4		0.0697	mg
			Supplier	Dicyandiamine	461-58-5		0.0009	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.0145	mg
Lead Frame	62.28		Supplier	Sulfur (S)	7704-34-9		0.0093	mg
			Supplier	Carbon (C)	7440-44-0		0.0623	mg
			Supplier	Silver (Ag)	7440-22-4		0.0093	mg
			Supplier	Manganese (Mn)	7439-96-5		0.1557	mg
			Supplier	Silicon (Si)	7440-21-3		0.0093	mg
			Supplier	Iron (Fe)	7439-89-6		62.006	mg
			Supplier	Copper (Cu)	7440-50-8		0.0187	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0093	mg
Mold Compound-Black	113.74	mg	В	Brominated Bisphenol A Diglycidyl Ether	40039-93-8		2.2748	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		19.3358	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		3.4122	mg
			Supplier	Carbon Black (C)	1333-86-4		1.1374	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		79.618	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		7.9618	mg
Mold Compound-White	34.645	_	Supplier	Ortho Cresol Novolac Resin	29690-82-2		10.3935	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		24.2515	mg
Plating	0.36	mg	Supplier	Tin (Sn)	7440-31-5		0.36	mg
Wire Bond - Au	0.051	mg	Supplier	Gold (Au)	7440-57-5		0.051	mg