Authorized Representative* Title - Representative Product-Env-Stewards Product Enviro Compliance Requester Item Number Mfr Item Number Mfr Item Name Phone - Representative* NA Product-Env- Effective Date Version Manufacturing Site Weight	te*		
Company name* Company unique ID Unique ID Authority Response Date 2023-06-08 Contact Name Title - Contact Product-Env-Stewards Authorized Representative* Product-Env-Stewards Title - Representative Title - Representative Product-Env-Stewards Product-Env-Steward	act*		
2023-06-08	act*		
Contact Name Title - Contact Product-Env-Stewards Product Enviro Compliance And Product-Env- Stewards Title - Representative Title - Representative Phone - Contact* NA Product-Env- Stewards Phone - Representative* Phone - Representative* Email - Representative* Product-Env- Stewards Product Enviro Compliance NA Product-Env- Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight			
Product-Env-Stewards Product Enviro Compliance NA Product-Env-Authorized Representative* Phone - Representative* Email - Representative* Product-Env-Stewards Product Enviro Compliance NA Product-Env-Representative* Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight			
Authorized Representative* Title - Representative Product-Env-Stewards Product Enviro Compliance Requester Item Number Mfr Item Number Mfr Item Name Phone - Representative* NA Product-Env- Effective Date Version Manufacturing Site Weight	-Stewards@onsemi.com		
Product-Env-Stewards Product Enviro Compliance NA Product-Env- Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight			
Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight	Email - Representative*		
	Product-Env-Stewards@onsemi.com		
NEW ACTION AND DESCRIPTION TO NEGLETING ASSOCIATION AND ASSOCIATION ASSOCIATION ASSOCIATION AND ASSOCIATION AND ASSOCIATION ASSOCIATIO	nt* UOM Unit Ty		
NB100LVEP91MNG	mg Each		
Manufacturing Proccess Information 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 Cycles		
	seconds 3		
	<u> </u>		
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 informationprovided 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 uppliers 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 agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies 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 th										
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
Die	2.98	mg	Supplier	Silicon (Si)	7440-21-3		2.98	mg
Die Attach	0.55	mg	Supplier	Epoxized Condensate Of Para- Hydrobenzaldehyde And Alkyl Phenol	129915-35-1		0.11	mg
			Supplier	Silver (Ag)	7440-22-4		0.44	mg
Lead Frame	16.85		Supplier	Silver (Ag)	7440-22-4		0.1685	mg
			Supplier	Tin (Sn)	7440-31-5		0.0421	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0371	mg
			Supplier	Chromium (Cr)	7440-47-3		0.0421	mg
			Supplier	Copper (Cu)	7440-50-8		16.5602	mg
Mold Compound-Black	22.31		Supplier	Epoxy and Phenolic Resin	40216-08-8		1.7848	mg
			Supplier	Carbon Black (C)	1333-86-4		0.1115	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.4462	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		19.2981	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.6693	mg
Plating	1.89	mg	Supplier	Tin (Sn)	7440-31-5		1.89	mg
Wire Bond - Au	0.33	mg	Supplier	Gold (Au)	7440-57-5		0.33	mg