Authorized Representative* Title - Representative Product-Env-Stewards Product Enviro Compliance Product-Env-Stewards Product-Env-Stewards Product-Env-Stewards Product-Env-Stewards Product-Env-Stewards	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 Response Date* 2024-05-21 Contact Name Title - Contact Product-Env-Stewards Authorized Representative* Product-Env-Stewards Product Enviro Compliance Title - Representative Product-Env-Stewards Product Enviro Compliance Requester Item Number Mfr Item Number Mfr Item Name Effective Date Product-Env-Stewards NGTB25N120FL3WG IGBT 1200V 25A FS3 Solar/UPS Product-Env-Stewards Pr	rials and Mfg Information					
Seemi Contact Name Title - Contact Phone - Contact* Phone - Contact* Product-Env-Stewards Product-Env-Stewards Contact* Product-Env-Stewards						
Title - Contact Product-Env-Stewards Product Enviro Compliance Phone - Contact* Phone - Contact* Product-Env-Stewards Product-Env-Stewards Phone - Representative* Product-Env-Stewards Product-Env-Stew	Response Date*					
Product Enviro Compliance Unthorized Representative* Title - Representative Product-Env-Stewards Product-Env-Stewa	2024-05-21					
Title - Representative* Product-Env-Stewards Requester Item Number Mfr Item Number Mfr Item Name Product Enviro Compliance Region Stewards NA Product-Env-Stewards Region Manufacturing Site Weight* UC NGTB25N120FL3WG IGBT 1200V 25A FS3 Solar/UPS 2024-05-21 VN5 7366.16 mg	Email - Contact*					
Product-Env-Stewards Requester Item Number Mfr Item Number Mfr Item Name Mfr Item Name Mfr Item Name MGTB25N120FL3WG IGBT 1200V 25A FS3 Solar/UPS MA Product-Env-Stewards@color= NA Product-Env-Stewards@color= Product-Env-Stewards@color= NA Effective Date Version Manufacturing Site Weight* UCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	Product-Env-Stewards@onsemi.com					
Requester Item Number Mfr Item Number Mfr Item Name Effective Date Version Manufacturing Site Weight* UC NGTB25N120FL3WG IGBT 1200V 25A FS3 Solar/UPS 2024-05-21 VN5 7366.16 mg	Email - Representative*					
NGTB25N120FL3WG IGBT 1200V 25A FS3 Solar/UPS 2024-05-21 VN5 7366.16 mg	Product-Env-Stewards@onsemi.com					
	OM Unit Type					
Ianufacturing Proccess Information	g Each					
TO I						
Terminal Plating / Grid Array Material Terminal Base Alloy J-STD-020 MSL Rating Peak Process Body Temperature Max Time at Peak Temperature Number of Research Company of the Peak Temperature of the Peak Temperat	eflow Cycles					
Matte Tin (Sn) - annealed CU Alloy NA 0 C 30 seconds 3						
omments						
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 (DBP), Diisobutyl phthalate (DBP), Diisobutyl phthalate (DBP).									
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 enter into a written 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 provid									
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	89.77	mg	Supplier	Silicon (Si)	7440-21-3		89.77	mg
Die Attach	281.28	_	Supplier	Silver (Ag)	7440-22-4		70.32	mg
			Supplier	Tin (Sn)	7440-31-5		182.832	mg
			В	Antimony (Sb)	7440-36-0		28.128	mg
Lead Frame	4916.7		Supplier	Tin (Sn)	7440-31-5		41.792	mg
			В	Nickel (Ni)	7440-02-0		27.0419	mg
			Supplier	Copper (Cu)	7440-50-8		4847.8662	mg
Mold Compound-Black	2040.91	mg		Phenolic Resin	proprietary data		122.4546	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		204.091	mg
			Supplier	Carbon Black (C)	1333-86-4		10.2045	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		153.0683	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		1551.0916	mg
Plating	12.83	mg	Supplier	Tin (Sn)	7440-31-5		12.83	mg
Wire Bond - Al	24.67	mg	Supplier	Aluminum (Al)	7429-90-5		24.67	mg