ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES	PC, Bannockt	ourn, Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declara he declaration	tion of the s encompasse	ubstances es all lowe	within the manufa er level materials fo	cturer listed or which the	d item. Note e manufactu	: if the item is an a rer has engineering	ssembly with low responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				*	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materia				terials and	als and Mfg Information			
Supplier Information														
Company name* Company ur			nique ID			Unique ID Authority					Response Date*			
On Semiconductor											2021-02-04			
Contact Name Title - Contact			et	P			Phone - Contact*				Email - Contact*			
Product-Env-Stewards Product Envir			viro Compliance			NA			Prod	Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Repres			esentative			Phone - Representative*			Emai	Email - Representative*				
Product-Env-Stewards Product En			ct Enviro Compliance			NA				Prod	Product-Env-Stewards@onsemi.com			
Requester Item Number	Requester Item Number Mfr Item N		Number Mfr Item Name			Effective Dat	e Version	.]	Manufacturing Site		Weight*	UOM	Unit Type	
	FDN338	FDN338P 20V P-FET 130 P		MO SSOT3		2021-02-04]	PBB		10.57	mg	Each	
Aanufacturing Proccess Informa	tion		·											
Terminal Plating / Grid Array M	Terminal Plating / Grid Array Material Terminal Base Alloy			J-STD-020 MSI	D-020 MSL Rating Peak Process Body Temperature Max Time at Pea					eak Tempe	k Temperature Number of Reflow Cycles			
Matte Tin (Sn) - annealed CU Alloy				1		260		С	30	sec	onds 3			
omments														
vel 1 - maximum time at peak temperat	ure during so	ldering is 10-3	0 seconds											
or more information 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), Dibutyl phthalate (DBP), Dibutyl phthalate (DBP).											
cadmium, hexavalentchromium, polybrominate contains a RoHS restricted substance inexcess encompass all such components. Supplier certif as of the date that Supplier completes this form Company acknowledges that Supplier may hav independently verified information provided by certification in this paragraph. If the Company a	ed biphenyls and/or polybrominated dip of an applicable quantity limit, please ir ies that it gathered the information it pro- .Supplier acknowledges that Company e relied on informationprovided by othe y others, Supplier agrees that, at a minin and the Supplier enter into a written agre pource of the Supplier's liability and the	henyl ethers (each a " ndicate below which, i ovides in this form us will rely on this certifiers in completing this num, itssuppliers have eement with respect to Company's remedies	RoHS restricted substance") in exce if any, RoHS exemption you believe ing appropriate methods to ensure if ication in determining the complian form, and that Supplier may not have e provided certifications regarding the to the identified part, the terms and co for issues that arise regarding inform	ce of its products with European Union membe	ove. If a homogeneous material within the part er level components, the declaration shall l correct to the best of its knowledge and belief, r state laws that implement the RoHS Directive. wever, in situations where Supplier has not tions are at least as comprehensive as the anty rights and/or remedies provided as part of							
RoHS Declaration * 1 - Item(s)	does not contain RoHS restricted substa	ances per the definitio	on above	Supplier Acceptance	* Accepted							
Exemption: If the declared item does not con applicable exemptions.	ntain RoHS restricted substances per	the definition above	except for defined RoHS exempti	ons, then select the corresponding response i	n the RoHS Declaration above and choose all							
Exemption List Version	EL-2011/534/EU											
Declaration Signature												
Instructions: Complete all of the required fin Requester) and click on Submit Form to have	elds on all pages of this form. Select the form returned to the Requester	he "Accepted" on th	e Supplier Acceptance drop-down	. This will display the signature area. Digital	lly sign the declaration (if required by the							
Supplier Digital Signature Ra	stislav Drska	Le										

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	0.766	mg	Supplier	Silicon (Si)	7440-21-3		0.766	mg	
Lead Frame	3.699	mg	Supplier	Silver (Ag)	7440-22-4		0.015	mg	
			Supplier	Zinc (Zn)	7440-66-6		0.005	mg	
			Supplier	Iron (Fe)	7439-89-6		0.088	mg	
			Supplier	Copper (Cu)	7440-50-8		3.59	mg	
			Supplier	Phosphorus (P)	7723-14-0		0.001	mg	
Mold Compound-Black	5.697	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		1.65	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.057	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		3.99	mg	
Plating	0.332	mg	Supplier	Tin (Sn)	7440-31-5		0.332	mg	
Wire Bond - Au	0.076	mg	Supplier	Gold (Au)	7440-57-5		0.076	mg	