PC SOCIATION CONNECTING COPyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.				This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.									
	21.1IPC Web Site for Information on IPC-1752 Standard http://www.ipc.org/IPC-175xFor Dis				pe * Declaration Class * class 6 - RoHS Yes/No, Homogeneous Materials				als and M	s and Mfg Information			
Supplier Information													
Company name* Comp			Company unique ID			Unique ID Authority				Response Date*			
onsemi										2023-06-06 Email - Contact*			
contact Name Title - Contact Product-Env-Stewards Product Enviro C					Phone - Contact* NA			Product-Env-Stewards@onsemi.com					
Authorized Representative* Title - Representa			entative		Phone - Representative*			Email - Representative*					
Product-Env-Stewards Product			roduct Enviro Compliance			NA			Product-Env-Stewards@onsemi.com				
Requester Item Number	Mfr Item Number		Mfr Item Name			Effective Date	Version	Manufacturing Site	1	Weight*	UOM	Unit Type	
	2SK545-	2SK545-11D-TB-E NCH J-FET				2023-06-06		CNG		11.82	mg	Each	
Manufacturing Proccess Information	on										-		
Terminal Plating / Grid Array Mate	l Plating / Grid Array Material Terminal Base Alloy		Alloy J	-STD-020 MSI	L Rating	Peak Proces	ss Body Tempera	ture Max Time at Peak	Temperat	ure Numbe	er of Reflow Cyc	les	
contains Bi CU Alloy		1	l		260	С	30	secon	ds 3				
Comments													
evel 1 - maximum time at peak temperature	e during sol	dering is 10-3	0 seconds										
For more information regarding material co	mposition	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), Disobutyl phthalate (DIBP).									
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 v 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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.04	mg	Supplier	Silicon (Si)	7440-21-3		0.04	mg
Lead Frame	2.79	mg	Supplier	Silver (Ag)	7440-22-4		0.043	mg
			Supplier	Chromium (Cr)	7440-47-3		0.0025	mg
			Supplier	Manganese (Mn)	7439-96-5		0.0209	mg
			Supplier	Silicon (Si)	7440-21-3		0.0078	mg
			В	Nickel (Ni)	7440-02-0		1.0917	mg
			Supplier	Iron (Fe)	7439-89-6		1.5077	mg
			Supplier	Copper (Cu)	7440-50-8		0.1161	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0003	mg
Mold Compound-Black	8.75	mg	В	Brominated Bisphenol A Diglycidyl Ether	40039-93-8		0.2188	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		0.1312	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0875	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		1.3125	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.875	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		6.125	mg
Plating	0.22	mg	В	Bismuth (Bi)	7440-69-9		0.0013	mg
			Supplier	Tin (Sn)	7440-31-5		0.2187	mg
Wire Bond - Au	0.02	mg	Supplier	Gold (Au)	7440-57-5		0.02	mg

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).