ASSOCIATION CONNECTING ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® international and Pa	PC. Bannockl	ourn, Illinois, A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declaration entities the declaration entities and the declaration entities and the declaration entities and the declaration entities are an entities and the declaration entities are an entities and the declaration entities are an entites are an	on of the su	bstances v all lower	vithin the manufactu level materials for v	urer listed which the	item. Note: manufacture	if the item is an as er has engineering	sembly with low responsibility.	
	.1 IPC Web Site for Information on IPC-1752 Standard For http://www.ipc.org/IPC-175x Dis				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materia				rials and N	als and Mfg Information				
upplier Information														
Company name* Compa			ompany unique ID			Unique ID Authority				Respon	Response Date*			
ısemi											2024-05-10			
ntact Name Title - Contact			ct			Phone - Contact*				Email ·	Email - Contact*			
Product-Env-Stewards Product Env			Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Repres			esentative			Phone - Representative*				Email ·	Email - Representative*			
Product-Env-Stewards Produc			roduct Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Iten	n Number	Mfr Item Name			Effective Date	ive Date Version Manufacturing		Ianufacturing Site		Weight*	UOM	Unit Type	
	NCV840	CV8401BDTRKG SELF-PROTEC		red fet		2024-05-10		V	VN5		350.99	mg	Each	
Aanufacturing Proccess Informa	tion		·											
Terminal Plating / Grid Array M	aterial	rial Terminal Base Allo		J-STD-020 MSL Rating		Peak Proce	rocess Body Temperature Max Time a		e Max Time at Peal	k Temperature Number of Reflow Cycles		eles		
Matte Tin (Sn) - annealed CU Allo		CU Alloy	1			260 C		С	30 seco		seconds 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	(Pb), Mercury (Hg), Hexavalent Chro	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, polybromina contains a RoHS restricted substance inexces encompass all such components. Supplier cer as of the date that Supplier completes this for Company acknowledges that Supplier may h independently verified information provided certification in this paragraph. If the Company	ated biphenyls and/or polybrominated dip s of an applicable quantity limit, please in iffies that it gathered the information it pr m.Supplier acknowledges that Company ave relied on informationprovided by oth by others, Supplier agrees that, at a minir and the Supplier enter into a written agr esource of the Supplier's liability and the	henyl ethers (each a "RoHS restricted substa ndicate below which, if any, RoHS exemption ovides in this form using appropriate methoo will rely on this certification in determining ers in completing this form, and that Supplie num, itssuppliers have provided certification eement with respect to the identified part, the Company's remedies for issues that arise reg	nce") in exco n you believe ls to ensure i the compliar r may not ha s regarding t terms and co	e may apply. If the part is an assembly with low s accuracy and that such information is true an ce of its products with European Union member de independently verified such information. Ho neir contributions to the part, and those certifica	ove. If a homogeneous material within the part er level components, the declaration shall d correct to the best of its knowledge and belief, er state laws that implement the RoHS Directive. wever, in situations where Supplier has not ations are at least as comprehensive as the anty rights and/or remedies provided as part of						
RoHS Declaration * 4 - Item(s) does not contain RoHS restricted subst	ances per the definition above except for sele	ected exempt	ions Supplier Acceptance	* Accepted						
Exemption: 7a: Lead in high melting temp	erature type solders (i.e. lead based sol	der alloys containing 85% by weight or m	ore lead).								
Exemption List Version	EL-2011/534/EU										
Declaration Signature											
Instructions: Complete all of the required Requester) and click on Submit Form to h			e drop-dowi	a. This will display the signature area. Digita	lly sign the declaration (if required by the						
Supplier Digital Signature	astislav 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	0.2	mg	Supplier	Silicon (Si)	7440-21-3		0.2	mg
Die Attach	1.4	mg	А	Lead (Pb)	7439-92-1	7a	1.33	mg
			Supplier	Tin (Sn)	7440-31-5		0.07	mg
Lead Frame	214.64	mg	В	Nickel (Ni)	7440-02-0		0.4293	mg
			Supplier	Copper (Cu)	7440-50-8		214.2107	mg
Mold Compound-Black	129.65	mg		Epoxy resin	proprietary data		3.8895	mg
			Supplier	Phenolic Resin	Proprietary Data		1.9447	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		19.4475	mg
			Supplier	Carbon Black (C)	1333-86-4		0.6482	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		103.72	mg
Plating	3.73	mg	Supplier	Tin (Sn)	7440-31-5		3.73	mg
Wire Bond - Al	1.37	mg	Supplier	Aluminum (Al)	7429-90-5		1.37	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 signar range of distribution unless otherwise noted)