ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES®	position De . IPC, Bannockt Pan-American co	claration ourn, Illinois. A opyright conve	All rights reserved untions.	under both	This docume level parts, th	ent is a declaration en	n of the substanc compasses all lo	es within the manu wer level materials	afacturer lister for which the	d item. Note: i e manufacturei	f the item is an as has engineering	ssembly with low responsibility.	
	1 IPC Web Site for Information on IPC-1752 Standard Form Typ			Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				Materials and	als and Mfg Information			
upplier Information													
Company name* Com			Company unique ID			Unique ID Authority				Response Date*			
onsemi										2023-06-08			
Contact Name Title - Contact			ct		Phone - Contact*			Emai	Email - Contact*				
Product-Env-Stewards Prod			Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Represent			sentative J		Phone - Representative*			Emai	Email - Representative*				
Product-Env-Stewards Pro			Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
Requester Item Number Mfr		m Number Mfr Item Name				Effective Date Version Manufacturing 2023-06-08 CPA		Manufacturing S	lite	Weight*	UOM	Unit Type	
	KA5L03	KA5L0380RYDTU FPS FOR		OR DVDP/STB				СРА		2528.39	mg	Each	
Ianufacturing Proccess Inform	ation												
Terminal Plating / Grid Array	Terminal Plating / Grid Array Material Terminal Base		Alloy	J-STD-020 MSL Rating		Peak Process Body Temperature Max Tim		ture Max Time at	t Peak Tempe	rature Numb	er of Reflow Cyc	cles	
Matte Tin (Sn) - annealed		CU Alloy NA			0 C 30		30	sec	conds 3				
omments													
or more information regarding materi	al composition	please refer to	o 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, 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.

sigma range of distribution unless	otherwise noted).							
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	6.19	mg	Supplier	Silicon (Si)	7440-21-3		6.19	mg
Die Attach	1.84	mg	Supplier	Silver (Ag)	7440-22-4		0.0276	mg
			А	Lead (Pb)	7439-92-1	7a	1.7204	mg
			Supplier	Tin (Sn)	7440-31-5		0.092	mg
Lead Frame	1545.11	mg	Supplier	Silver (Ag)	7440-22-4		3.1007	mg
			Supplier	Iron (Fe)	7439-89-6		1.5503	mg
			Supplier	Copper (Cu)	7440-50-8		1539.9956	mg
			Supplier	Phosphorus (P)	7723-14-0		0.4633	mg
Mold Compound-Black	953.4	mg	Supplier	2,6-dibromo-4-[1-(3-bromo-4- hydroxyphenyl)-1-methylethyl]phenol	6386-73-8		28.6	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		191.0003	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		23.8	mg
			Supplier	Carbon Black (C)	1333-86-4		9.534	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		700.4656	mg
Plating	21.6	mg	Supplier	Tin (Sn)	7440-31-5		21.6	mg
Wire Bond - Cu	0.25	mg	Supplier	Copper (Cu)	7440-50-8		0.25	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 signa range of distribution unless otherwise noted).