	CONNECTING CS INDUSTRIES MULTINES MULTINES MULTINES MULTINES MULTINES MULTINES MULTINES MULTINES MULTINES MAterial Comp	PC, Bannockb	urn, Illinois. A	All rights reserved u ntions.	nder both	This docume level parts, t	ent is a declarat he declaration e	ion of the su encompasse	ubstances s all lowe	within the n r level mater	nanufacture rials for wh	er listed ite nich the ma	em. Note: if nufacturer	the item is an as has engineering	ssembly with lowe responsibility.
1752-21.1					Form Type Distribute	<ul> <li>Declaration Class *</li> <li>Class 6 - RoHS Yes/No, Homogeneous Mater</li> </ul>					ous Materia	ials and Mfg Information			
Supplie	r Information														
Company	name*	Company unique ID			1	Unique ID Authority					Response Date*				
nsemi												2024-04-12			
Contact N	Jame		Title - Contact			]	Phone - Contact*					Email - Contact*			
Product-l	Env-Stewards		Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com			
uthorize	ed Representative*		Title - Representative			]	Phone - Representative*				Email - Representative*				
Product-	Env-Stewards		Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com			
	Requester Item Number     Mfr Item       FPAM30		Number Mfr Item Name				Effective Date	te Version Manufacturing Site		ng Site	W	veight*	UOM	Unit Type	
			LH60	H60 SPM2V CON 600V 30A IL			2024-04-12 CPA			3	1611.56	mg	Each		
/Ianufa	ecturing Proccess Information	tion													
	Terminal Plating / Grid Array Material		Terminal Base Alloy J-STD-020		-STD-020 MS	L Rating	Peak Process Body Temperat		emperatu	ure Max Time at Peak Terr		Temperatu	re Numbe	er of Reflow Cyc	cles
Matte Tin (Sn) - annealed		CU Alloy NA			0 C		30 seco		second	s 3					
omments	S														
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		mium (Cr6+), Polybrominated Biphenyls (Pl		dmium and quantity limit of 0.1% by mass (10 minated Diphenyl Ethers (PBDE), and Bis(2-et	
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 ifies 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	67.6	mg	Supplier	Silicon (Si)	7440-21-3		67.6	mg
Die Attach	150.0	mg	Supplier	Silver (Ag)	7440-22-4		3	mg
			А	Lead (Pb)	7439-92-1	7a	132	mg
			Supplier	Tin (Sn)	7440-31-5		15	mg
Die Attach Epoxy	14.36	mg	Supplier	Poly(oxypropylene)diamine	9046-10-0		0.4308	mg
			Supplier	Miscellaneous	Trade Secret		0.718	mg
			Supplier	Silver (Ag)	7440-22-4		12.206	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		1.0052	mg
Heat Sink	5920.0	mg	Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		2338.4001	mg
			В	Nickel (Ni)	7440-02-0		59.2	mg
			Supplier	Copper (Cu)	7440-50-8		3522.4001	mg
Lead Frame	12303.9	mg	Supplier	Silver (Ag)	7440-22-4		4.1883	mg
			Supplier	Iron (Fe)	7439-89-6		14.7588	mg
			Supplier	Copper (Cu)	7440-50-8		12280.0186	mg
			Supplier	Phosphorus (P)	7723-14-0		4.9291	mg
Mold Compound-Black	13000.0	mg	Supplier	2,6-dibromo-4-[1-(3-bromo-4- hydroxyphenyl)-1-methylethyl]phenol	6386-73-8		130	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		1300	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		130	mg
			Supplier	Carbon Black (C)	1333-86-4		130	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		11310	mg
Plating	110.0	mg	Supplier	Tin (Sn)	7440-31-5		110	mg
Thermistor	10.0	mg	Supplier	Silver (Ag)	7440-22-4		0.8	mg
			Supplier	Tin (Sn)	7440-31-5		0.17	mg
			Supplier	Nickel Oxide (NiO)	1313-99-1		2.6	mg
			Supplier	Palladium (Pd)	7440-05-3		0.35	mg
			В	Nickel (Ni)	7440-02-0		0.08	mg
			Supplier	Cobalt Oxide (Co3O4)	1308-06-1		1.7	mg
			Supplier	Manganese Tetraoxide (Mn3O4)	1317-35-7		4.3	mg
Wire Bond - Al	34.0	mg	Supplier	Aluminum (Al)	7429-90-5		34	mg
Wire Bond - Cu	1.7	mg	Supplier	Gold (Au)	7440-57-5		1.7	mg