ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INCLUSTRIES	nposition De 5. IPC, Bannockt Pan-American co	claration ourn, Illinois. A opyright conver	Il rights reserved u ntions.	nder both	This docume level parts, th	ent is a declarati he declaration e	on of the subst ncompasses al	tances within l lower leve	n the manufactur l materials for w	rer listed ite hich the m	em. Note: if anufacturer	f the item is an as has engineering	sembly with low responsibility.
	IPC Web Site for Information on IPC-1752 Standard Form Ty http://www.ipc.org/IPC-175x Distribu				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater				als and Mfg Information				
upplier Information													
ompany name*	Company unique ID			1	Unique ID Authority				Response Date*				
nsemi									2023-06-08				
Contact Name Title			Title - Contact			Phone - Contact*				Email - Contact*			
Product-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Authorized Representative*			Title - Representative			Phone - Representative*				Email - Representative*			
roduct-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Requester Item Number	Requester Item Number Mfr Iten		n Number Mfr Item Name			Effective Date	Version	Manuf	Manufacturing Site		Veight*	UOM	Unit Type
	MC3416	MC34166TVG ANA DC-DC		A PWR SW REG		2023-06-08		MY1	MY1		960.42	mg	Each
Ianufacturing Proccess Infor	nation									<u> </u>			
Terminal Plating / Grid Array Material Termina		Cerminal Base	Base Alloy J-STD-020 MSI		L Rating	Peak Process Body Temperatu		perature M	ax Time at Peak	Temperatu	ure Numb	er of Reflow Cyc	eles
Matte Tin (Sn) - annealed		CU Alloy NA			0 C		30	30 secon		is 3			
omments													
or more information regarding mate	rial 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), Diisobutyl 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.

	cable [E] enter the weigh			ance category (JIG or Requester) or enter [F] Optionally enter the positive (+) and				
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	3.55	mg	Supplier	Silicon (Si)	7440-21-3		3.55	mg
Die Attach	82.83	mg	А	Lead (Pb)	7439-92-1	7a	78.6885	mg
			Supplier	Tin (Sn)	7440-31-5		4.1415	mg
Lead Frame	1297.64	mg	Supplier	Copper (Cu)	7440-50-8		1297.64	mg
Mold Compound-Black	543.9	mg		Epoxy resin	proprietary data		38.073	mg
			Supplier	Phenolic Resin	Proprietary Data		38.073	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		81.585	mg
			Supplier	Carbon Black (C)	1333-86-4		2.7195	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		383.4495	mg
Plating	31.13	mg	Supplier	Tin (Sn)	7440-31-5		31.13	mg
Wire Bond - Cu	1.37	mg	Supplier	Copper (Cu)	7440-50-8		1.37	mg