ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES®	Material Composit © Copyright 2005. IPC, I international and Pan-An	Bannockb	urn, Illinois. A	Il rights reserved nations.	under both	This docum level parts, t	ent is a declar the declaration	ation of th encompa	ne substance asses all low	s within the ma er level materia	nufacture als for wh	er listed ite nich the m	em. Note: anufacture	if the item is an a er has engineering	ssembly with lower responsibility.
1752-21.1					Form Type Distribute	e *	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					als and Mfg Information			
Supplier Informa	tion														
Company name*			Company unique ID			Unique ID Authority					Response Date*				
onsemi										2023-06-08					
Contact Name			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*					
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Requester	Requester Item Number Mfr Item		n Number Mfr Item Name				Effective Da	te Versi	ion	Manufacturing Site		v	/eight*	UOM	Unit Type
		MC78M05BDTG		ANA 500MA 5V VREG			2023-06-08			MY1		3	50.99	mg	Each
Manufacturing P	roccess Information	l .													
Terminal Plating / Grid Array Material Terr			erminal Base A	minal Base Alloy J-STD-020 MSL I		L Rating	Peak Pr	eak Process Body Temperatu		are Max Time at Peak Temper		Temperatu	re Num	ber of Reflow Cy	cles
Matte Tin (Sn) - annealed CU All			U Alloy	loy 1			260 C 30			seconds 3					
Comments															
level 1 - maximum tin	ie at peak temperature d	luring sol	dering is 10-3	0 seconds											
For more information	regarding material com	position p	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 a [F] Optionally enter the positive (+) and n				
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		Phenolic Resin	proprietary data		10.372	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		10.372	mg
			Supplier	Carbon Black (C)	1333-86-4		0.6482	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		108.2577	mg
Plating	3.73	mg	Supplier	Tin (Sn)	7440-31-5		3.73	mg
Wire Bond - Cu	1.37	mg	Supplier	Copper (Cu)	7440-50-8		1.37	mg