Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.					This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.								
1/5/2-711	.1 IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Form Type				Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information					on			
Supplier Information													
Company name* Company unique ID			ique ID	Unique ID Authority				Response Date*					
onsemi										2024-05-16			
Contact Name Title - Co			Contact			Phone - Contact*				Email - Contact*			
Product-Env-Stewards		Product Envi	Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Repre			sentative	ative P			Phone - Representative*			Email - Representative*			
Product-Env-Stewards		Product Enviro Compliance			NA	NA			Product-Env-Stewards@onsemi.com				
Requester Item Number	Requester Item Number Mfr Item		Number Mfr Item Name		Effec	ctive Date	Version	Manufacturing Site		Weig	ght*	UOM	Unit Type
	NXV08H	XV08H250DPT2 APM17-MFA, M		V7 80V, AL2O3, 2 Pha	se 2024	-05-16		СРА		2120	1.0	mg	Each
Manufacturing Proccess Informa	tion		,		1							·	·
Terminal Plating / Grid Array M	rminal Plating / Grid Array Material Terminal Base Alloy J		J-STD-020 MSL Rating	SL Rating Peak		k Process Body Temperature Max Time at Peak		e at Peak	Temperature Number of Reflow Cycl		les		
Matte Tin (Sn) - annealed CU		U Alloy NA		NA	0	0 C 30		30		seconds 3			
Comments													
For more information regarding material	composition	please refer to	page 3				_				•	_	_

RoHS Material Composition Declaration			Declaration 7	Гуре *	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).									
Please indicate whether any homogeneous material (as defined by the RoHS Directive, EU 2011/65/EU and implemented by the laws of the European Union member states) of the part identified on this form contains lead, mercury, cadmium, hexavalentchromium, polybrominated biphenyls and/or polybrominated diphenyl ethers (each a "RoHS restricted substance") in excess of the applicable quantity limit identified above. If a homogeneous material within the part contains a RoHS restricted substance inexcess of an applicable quantity limit, please indicate below which, if any, RoHS exemption you believe may apply. If the part is an assembly with lower level components, the declaration shall encompass all such components. Supplier certifies that it gathered the information it provides in this form using appropriate methods to ensure its accuracy and that such information is true and correct to the best of its knowledge and belief, as of the date that Supplier completes this form. Supplier acknowledges that Company will rely on this certification in determining the compliance of its products with European Union member state laws that implement the RoHS Directive. Company acknowledges that Supplier may have relied on information provided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, its provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the certification in this paragraph. If the Company and the Supplier enter into a written agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of that agreement, will be the sole and exclusivesource of the Supplier's Standard Terms and Conditions of Sale applicable to such part shall apply.										
RoHS Declaration * 4 - Item(s	does not contain RoHS restricted substances	per the definition above except for sele	ted exemptions	Supplier Acceptance	* Accepted					
Exemption: 7c-I Electrical and electronic co	Exemption: 7c-I Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.									
Exemption List Version	EL-2011/534/EU									
Declaration Signature										
Instructions: Complete all of the required f Requester) and click on Submit Form to ha		ccepted" on the Supplier Acceptance	drop-down. This will dis	play the signature area. Digital	lly sign the declaration (if required by the					
Supplier Digital Signature Ra	astislav Drska	E								

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.

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 sigma range of distribution unless otherwise noted).

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Capacitors Ceramic	10.0	mg		Ceramic	prorietary		3.137	mg
			Supplier	Epoxy resin	Proprietary Data		0.1	mg
			Supplier	Glass	Proprietary Data		0.081	mg
			Supplier	Boron (B)	7440-42-8		0.005	mg
			Supplier	Silver (Ag)	7440-22-4		0.907	mg
			Supplier	Tin (Sn)	7440-31-5		0.19	mg
			Supplier	Misc.	Proprietary Data		0.024	mg
			Supplier	Barium (Ba)	7440-39-3		3.653	mg
			В	Nickel (Ni)	7440-02-0		1.129	mg
			Supplier	Copper (Cu)	7440-50-8		0.774	mg
DBC	4815.0	mg	Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		1926	mg
			Supplier	Copper (Cu)	7440-50-8		2889	mg
Die	51.0	mg	Supplier	Silicon (Si)	7440-21-3		51	mg
Die Attach Solder	98.0	mg	Supplier	Silver (Ag)	7440-22-4		2.94	mg
			Supplier	Tin (Sn)	7440-31-5		94.57	mg
			Supplier	Copper (Cu)	7440-50-8		0.49	mg
Lead Frame	5552.0	mg	В	Nickel (Ni)	7440-02-0		1.1104	mg
			Supplier	Iron (Fe)	7439-89-6		8.328	mg
			Supplier	Copper (Cu)	7440-50-8		5540.3408	mg
			Supplier	Phosphorus (P)	7723-14-0		2.2208	mg
Mold Compound-Black	10230.0	mg	Supplier	Carbon Black (C)	1333-86-4		102.3	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		8695.5	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		1432.2	mg
NTC	4.0	mg		Ceramic	prorietary		2.746	mg
			Supplier	Glass	Proprietary Data		0.0368	mg
			Supplier	Cobalt (Co)	7440-48-4		0.126	mg
			Supplier	Boron (B)	7440-42-8		0.0032	mg
			Supplier	Silver (Ag)	7440-22-4		0.04	mg
			Supplier	Tin (Sn)	7440-31-5		0.066	mg
			Supplier	Misc.	Proprietary Data		0.0012	mg
			Supplier	Palladium (Pd)	7440-05-3		0.0936	mg
			В	Nickel (Ni)	7440-02-0		0.5632	mg

			Supplier	Copper (Cu)	7440-50-8		0.324	mg
Plating	246.0	mg	Supplier	Tin (Sn)	7440-31-5		246	mg
Resistor	9.0	mg	Supplier	Silver (Ag)	7440-22-4		0.8452	mg
			Supplier	Bisphenol A, Epichlorohydrin polymer	25036-25-3, 25068- 38-6		0.1273	mg
			Supplier	Fiber Glass (SiO2)	65997-17-3		0.0718	mg
			Supplier	Boron Trioxide (B2O3)	1303-86-2		0.0202	mg
			Supplier	Tin (Sn)	7440-31-5		0.2191	mg
			В	Bismuth Trioxide (Bi2O3)	1304-76-3		0.003	mg
			Supplier	Magnesium Monoxide (MgO)	1309-48-4		0.0741	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.2323	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		7.0128	mg
			Supplier	Ruthenium Oxide (RuO2)	12036-10-1		0.0216	mg
			В	Nickel (Ni)	7440-02-0		0.2629	mg
			A	Lead Oxide (PbO)	1317-36-8	7c	0.1017	mg
			Supplier	Chromium Trioxide (Cr2O3)	1308-38-9		0.0081	mg
Wire Bond - Al	186.0	mg	Supplier	Aluminum (Al)	7429-90-5		186	mg