ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES INDUSTRIES	omposition De 005. IPC, Bannockt 1d Pan-American co	claration ourn, Illinois. A opyright conver	Il rights reserved untions.	inder both	This docume level parts, tl	ent is a declaration en declaration en	on of the substan	ces within the man ower level materia	nufacturer list ls for which t	ed item. Note: i he manufacture	f the item is an as r has engineering	ssembly with low responsibility.	
(5)-)]]					orm Type * Declaration Class * Distribute Class 6 - RoHS Yes/No, Homogeneous Ma				s Materials an	erials and Mfg Information			
upplier Information													
ompany name*	Company unique ID			τ	Unique ID Authority				Response Date*				
nsemi									2024-06-05				
ontact Name	Title - Contact]	Phone - Contact*				Email - Contact*				
Product-Env-Stewards	Product Enviro Compliance				NA			Pro	Product-Env-Stewards@onsemi.com				
uthorized Representative*	Title - Representative			1	Phone - Representative*			Ema	Email - Representative*				
roduct-Env-Stewards	Product Enviro Compliance				NA			Pro	Product-Env-Stewards@onsemi.com				
Requester Item Number	Mfr Item	Number	Mfr Item Name			Effective Date	Version	Manufacturing	Site	Weight*	UOM	Unit Type	
	QED223	QED223 LEI		LED T13-4 ALGAAS		2024-06-05		CP6		28.987	mg	Each	
Ianufacturing Proccess Info	rmation												
Terminal Plating / Grid Arr	Terminal Plating / Grid Array Material		erminal Base Alloy J-STD-020 M		Rating	Peak Proce	Peak Process Body Temperat		at Peak Temp	erature Numb	per of Reflow Cy	cles	
Matte Tin (Sn) - annealed		CU Alloy NA		NA		0	С	30	se	econds 3			
omments													
or more information regarding mat	erial composition	please refer to	page 3										

RoHS Material Composition Declaration				Declaration Type *	Detailed						
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	(Pb), Mercury (Hg), Hexavalent Chror	HS 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 b), Mercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl thalate (BBP), Dibutyl phthalate (DBP), Disobutyl phthalate (DIBP).									
cadmium, hexavalentchromium, polybrominate contains a RoHS restricted substance inexcess encompass all such components. Supplier certif as of the date that Supplier completes this form Company acknowledges that Supplier may hav independently verified information provided by certification in this paragraph. If the Company a	ed biphenyls and/or polybrominated dip of an applicable quantity limit, please ir ies that it gathered the information it pro- .Supplier acknowledges that Company e relied on informationprovided by othe y others, Supplier agrees that, at a minin and the Supplier enter into a written agre pource of the Supplier's liability and the	henyl ethers (each a " ndicate below which, i ovides in this form us will rely on this certifiers in completing this num, itssuppliers have eement with respect to Company's remedies	RoHS restricted substance") in exce if any, RoHS exemption you believe ing appropriate methods to ensure if ication in determining the complian form, and that Supplier may not have e provided certifications regarding the to the identified part, the terms and cc for issues that arise regarding inform	ce of its products with European Union membe	ove. If a homogeneous material within the part er level components, the declaration shall l correct to the best of its knowledge and belief, r state laws that implement the RoHS Directive. wever, in situations where Supplier has not tions are at least as comprehensive as the anty rights and/or remedies provided as part of						
RoHS Declaration * 1 - Item(s)	does not contain RoHS restricted substa	ances per the definitio	on above	Supplier Acceptance	* Accepted						
Exemption: If the declared item does not con applicable exemptions.	ntain RoHS restricted substances per	the definition above	except for defined RoHS exempti	ons, then select the corresponding response i	n the RoHS Declaration above and choose all						
Exemption List Version	EL-2011/534/EU										
Declaration Signature											
Instructions: Complete all of the required fin Requester) and click on Submit Form to have	elds on all pages of this form. Select the form returned to the Requester	he "Accepted" on th	e Supplier Acceptance drop-down	. This will display the signature area. Digital	lly sign the declaration (if required by the						
Supplier Digital Signature Ra	stislav 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	0.026	mg	В	Gallium Arsenide (AsGa)	1303-00-0		0.0101	mg
			Supplier	Silicon (Si)	7440-21-3		0.0159	mg
Die Attach	0.55	mg	Supplier	Silver (Ag)	7440-22-4		0.44	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.11	mg
Lead Frame	10.35	mg	Supplier	Silver (Ag)	7440-22-4		0.021	mg
			Supplier	Tin (Sn)	7440-31-5		0.062	mg
			Supplier	Copper (Cu)	7440-50-8		10.267	mg
Mold Compound-Black	9.035	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.01	mg
			Supplier	2,4,6-Tris[Bis(Methoxymethyl)Amino]- 1,3,5-Triazine	3089-11-0		9.025	mg
Plating	9.025	mg	Supplier	Tin (Sn)	7440-31-5		9.025	mg
Wire Bond - Au	0.001	mg	Supplier	Gold (Au)	7440-57-5		0.001	mg