

Component		Material			Material Weight %	
Name	Weight (mg)	Element/Compound	CAS No.	Weight (mg)	/Total Unit	/ Component
Die	2.7700	Silicon	7440-21-3	2.77000	2.76	100.00
Die Attach	0.2831	Silver	7440-22-4	0.20950	0.21	73.99
		Acrylic Resin	-	0.02548	0.03	9.00
		Polybutadiene derivative	-	0.01416	0.01	5.00
		Bitadiene copolymer	-	0.00425	0.00	1.50
		Acrylate	-	0.01699	0.02	6.00
		Epoxy Resin	-	0.00708	0.01	2.50
		Peroxide	-	0.00142	0.00	0.50
		Additive	-	0.00425	0.00	1.50
Leadframe	38.9685	Cu	7440-50-8	36.04587	35.85	92.50
		Fe	7439-89-6	0.85731	0.85	2.20
		P	7723-14-0	0.03897	0.04	0.10
		Zn	7440-66-6	0.07794	0.08	0.20
		Ag	7440-22-4	1.94843	1.94	5.00
Mold Compound	57.9074	Epoxy Resin 1	-	1.44700	1.44	2.50
		Epoxy Resin 2	-	0.46326	0.46	0.80
		Epoxy Resin 3	-	1.73724	1.73	3.00
		Hardener1	-	2.31632	2.30	4.00
		Carbon Black	1333-86-4	0.11582	0.12	0.20
		Amorphous silica	60676-86-0	50.95911	50.69	88.00
		Crystal silica	14808-60-7	0.86862	0.86	1.50
Plating	0.5241	Sn	7440-31-5	0.52405	0.52	100.00
Wire	0.0811	Cu	7440-50-8	0.08112	0.08	99.99
		Others	-	0.00001	0.00	0.01
Total Unit Weight: 100.5342						

Component weight is based on homogenous material used to assemble the unit. | Composition derived from the material declaration from vendors.

RoHS Certificate of Compliance

This package is fully RoHS compliant. The table above shows that this package meets the following RoHS requirements for EACH PACKAGE COMPONENT.

☒ RoHS 2 (Recast) 2011/65/EU | Fully Compliant

☒ China RoHS | Fully Compliant

☒ RoHS-6 | Fully Compliant

☒ Non Use of PFOS & PFOA

☒ REACH | Fully Compliant

☒ Halogen-free | Green

☒ Dodd-Frank Wall Street Reform and Consumer Protection Act, July 21, 2010

We comply with this conflict metal free policy that restricts the use of those conflict metals, mining from the Democratic Republic of Congo (DRC) and it's adjoining countries. Exar will not accept product which uses these conflict metals from these areas. We require our suppliers to enforce this policy and be able to identify and verify from their sources of minerals are conflict free. Suppliers are required to report if they or any supplier through their supply chain use any of these conflict metals that are derived from certain conflict minerals originating in the DRC or an adjoining country. Exar Corporation is not aware of any conflict metals to be used in any of their products.

☒ Flammability rating of UL 94-V0

☒ MSL Pb-Free: L1 @ 260°C



Chiew Mee Foo, QA Manager