



Telink

Telink Semiconductor (Shanghai) CO., LTD
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Composition Table

To: TELINK SEMICONDUCTOR (SHANGHAI) CO., LTD.

From: HuaTian Technology (Xi An) Co.,Ltd

Product Name: TLSR9215AER

Weight(Unit): 88 mg

Date: 2023/10/17

	Material name	Vendor	Weight(mg)	Substance Name	CAS No	Weight(mg)	Content (%) Substance	Content (%) Whole chip	Content (ppm)
Die1	Telink Die	SMIC BJ	4.2400	Silicon	7440-21-3	4.2400	100.00%	4.82%	1000000
Lead Frame	A194FH	Zhongshan Fusheng	27.5000					52.45%	
				Cu	7440-50-8	25.8473	93.99%	29.37%	939900
				Fe	7439-89-6	0.6325	2.30%	0.72%	23000
				P	7723-14-0	0.0028	0.01%	0.00%	100
				Zn	7440-66-6	0.0550	0.20%	0.06%	2000
				Ag	7440-22-4	0.9625	3.50%	1.09%	35000
Epoxy	9699LV	Dongguan Darbond Yiztech	4.0800					0.74%	
				SILVER FLAKE	7440-22-4	1.8360	45.00%	2.09%	450000
				Trimethylolpropane 1,3,5-Triazine-	15625-89-5	1.0200	25.00%	1.16%	250000
				2,4,6(1H,3H,5H)- trione,compd.with6-[2-(2- methyl-1H-imidazol-1- yl)ethyl]-1,3,5-triazine-2,4- diamine(1:1)	68490-66-4	0.0082	0.20%	0.01%	2000
				BISPHENOL F EPOXY	28064-14-4	0.4488	11.00%	0.51%	110000
				Aluminum oxide(Al2O3)	1344-28-1	0.3998	9.80%	0.45%	98000
				2-ETHYLHEXYL GLYCIDYL ETHER	2461-15-6	0.3672	9.00%	0.42%	90000
Wire	HS-ES5	Heesung	4.1300					0.43%	
				Silver:Wire	7440-22-4	3.9231	94.9900%	4.46%	949900
				Gold	7440-57-5	0.0207	0.5000%	0.02%	5000
				Palladium	7440-05-3	0.1859	4.5000%	0.21%	45000
				Platinum	7440-6-4	0.0004	0.0100%	0.00%	100
Mold Compound	CEL-9220HF	RESONAC Materials	44.0000					43%	
				Epoxy Resin 1	Trade secret	0.2200	0.50%	0.25%	5000
				Epoxy Resin 2	Trade secret	0.2200	0.50%	0.25%	5000
				Epoxy Resin 3	Trade secret	0.2200	0.50%	0.25%	5000
				Hardener	Trade secret	0.8800	2.00%	1.00%	20000
				Catalyst	Trade secret	0.0044	0.01%	0.01%	100
				Carbon black	1333-86-4	0.0880	0.20%	0.10%	2000
				Amorphous silica1	60676-86-0	39.0676	88.79%	44.40%	887900
				Amorphous silica2	7631-86-9	3.3000	7.50%	3.75%	75000
Plating	TIN	AISEN	4.0500					2.07%	
				Tin	7440-31-5	4.0496	99.99%	4.60%	999900
				Others	Trade Secret	0.0004	0.01%	0.00%	100
Total			88.0000			88.0000	100%	1000000	

保存年限: 三年
051-A1
保存单位: QRA

文件编号: TFM-QRA-