



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: TLSR8251F512ET48

Weight(Unit): 128 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	6.0000	Silicon	7440-21-3	6.0000	100.00%	4.69%	1000000
Lead Frame	A194	AAMI	40.0000	Cu	7440-50-8	38.7200	96.80%	31.25%	968000
				Fe	7439-89-6	0.9200	2.30%	0.72%	23000
				Pb	7439-92-1	0.0040	0.01%	0.00%	100
				P	7723-14-0	0.0560	0.14%	0.04%	1400
				Zn	7440-66-6	0.0600	0.15%	0.05%	1500
				Ag	7440-22-4	0.2400	0.60%	0.19%	6000
DAF	ATB-120U	Henkel	3.0000	Modified Epoxy Resin	Proprietary	1.8000	60.0%	2.34%	600000
				Synthetic resin	Proprietary	0.2850	9.5%	0.22%	95000
				Epoxy resin	Proprietary	0.4650	15.5%	0.36%	155000
				Dapsone	80-08-0	0.1500	5.0%	0.12%	50000
				Treated fumed silica	67762-90-7	0.1500	5.0%	0.12%	50000
				Substituted silane	Proprietary	0.1500	5.0%	0.12%	50000
Epoxy	L1-403NCA	LEGEND	3.0000	Diethylene glycol monoethyl ether acetate	112-15-2	0.3000	10.00%	2.34%	100000
				Silica	13463-67-7	1.8000	60.00%	1.41%	600000
				Acylate resin	15625-89-5	0.4500	15.00%	0.35%	150000
				Epoxy resin	Proprietary	0.4200	14.00%	0.33%	140000
				Peroxide	Proprietary	0.0300	1.00%	0.02%	10000
Wire	HS-ES5	Heesung	6.0000	Silver:Wire	7440-22-4	5.7414	95.6900%	4.69%	956900
				Gold	7440-57-5	0.0180	0.3000%	0.01%	3000
				Palladium	7440-5-3	0.2400	4.0000%	0.19%	40000
				Platinum	7440-6-4	0.0006	0.0100%	0.00%	100
Mold Compound	CEL-9220HF	RESONAC Materials	64.0000	Epoxy Resin 1	Trade secret	0.3200	0.50%	50%	5000
				Epoxy Resin 2	Trade secret	0.3200	0.50%	0.25%	5000
				Epoxy Resin 3	Trade secret	0.3200	0.50%	0.25%	5000
				Hardener	Trade secret	1.2800	2.00%	1.00%	20000
				Catalyst	Trade secret	0.0064	0.01%	0.01%	100
				Carbon black	1333-86-4	0.1280	0.20%	0.10%	2000
				Amorphous silica1	60676-86-0	56.8256	88.79%	44.40%	887900
				Amorphous silica2	7631-86-9	4.8000	7.50%	3.75%	75000
Plating	TIN	AISEN	6.0000	Tin	7440-31-5	5.9994	99.99%	4.69%	999900
				Others	Trade Secret	0.0006	0.01%	0.00%	100
Total			128.0000			128.0000	100%	1000000	

保存年限: 三年
QRA-051-A1
保存单位: QRA

文件编号: TFM-