



Telink

Telink Semiconductor (Shanghai) CO., LTD  
Phone: +8621 2028 1118 Fax: 8621 5038 8081  
1500 Zuchongzhi Road Bldg 3  
PuDong District, Shanghai, China 201203

Composition Table

To: TELINK SEMICONDUCTOR (SHANGHAI) CO., LTD.  
From: HuaTian Technology (Xi An) Co.,Ltd  
Product Name: TLSR8258F512ET32  
Weight(Unit): 61.0000 mg

Date: 2024/6/25

	Material name	Vendor	Weight(mg)	Substance Name	CAS No	Weight(mg)	Content (%) Substance	Content (%) Whole chip	Content (ppm)
Die1	Telink Die	SMIC BJ	2.5840	Silicon	7440-21-3	2.5840	100.00%	4.24%	1000000
Die2	GD Die	SMIC BJ	0.2760	Silicon	7440-21-3	0.2760	100.00%	0.45%	1000000
Lead Frame	A194	AAMI	19.1200					52.45%	
				Cu	7440-50-8	18.5082	96.80%	30.34%	968000
				Fe	7439-89-6	0.4398	2.30%	0.72%	23000
				Pb	7439-92-1	0.0019	0.01%	0.00%	100
				P	7723-14-0	0.0268	0.14%	0.04%	1400
				Zn	7440-66-6	0.0287	0.15%	0.05%	1500
				Ag	7440-22-4	0.1147	0.60%	0.19%	6000
DAF	ATB-120U	Henkel	1.4000					0.06%	
				Modified Epoxy Resin	Proprietary	0.9240	66.0%	1.51%	660000
				Phenol, polymer with					
				3a,4,7,7a-tetrahydro-4,7-methano-1H-indene, glycidyl ether	119345-05-0	0.3220	23.0%	0.53%	230000
				Reaction product: bisphenol-F-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700) (old)	9003-36-5	0.0700	5.0%	0.11%	50000
				Aromatic polyamine	Proprietary	0.0700	5.0%	0.11%	50000
				Epoxy Resin	Proprietary	0.0140	1.0%	0.02%	10000
Epoxy	L1-403NCA	LEGEND	1.4000					0.74%	
				Diethylene glycol monoethyl ether acetate	112-15-2	0.1400	10.00%	0.23%	100000
				Silica	15468-32-3	0.8400	60.00%	1.38%	600000
				Acylate resin	Proprietary	0.2100	15.00%	0.34%	150000
				Epoxy resin	Proprietary	0.1960	14.00%	0.32%	140000
				Peroxide	Proprietary	0.0140	1.00%	0.02%	10000
Wire	R2SP	乐金	2.8600					0.43%	
				Ag	7440-22-4	2.7313	95.5000%	4.48%	955000
				Pd	7440-05-3	0.1287	4.5000%	0.21%	45000
Mold Compound	CEL-9220HF	RESONAC Materials	30.5000					43%	
				Epoxy Resin 1	Trade secret	0.1525	0.50%	0.25%	5000
				Epoxy Resin 2	Trade secret	0.1525	0.50%	0.25%	5000
				Epoxy Resin 3	Trade secret	0.1525	0.50%	0.25%	5000
				Hardener	Trade secret	0.6100	2.00%	1.00%	20000
				Catalyst	Trade secret	0.0031	0.01%	0.01%	100
				Carbon black	1333-86-4	0.0610	0.20%	0.10%	2000
				Amorphous silica1	60676-86-0	27.0810	88.79%	44.40%	887900
				Amorphous silica2	7631-86-9	2.2875	7.50%	3.75%	75000
Plating	TIN	AISEN	2.8600					2.07%	
				Tin	7440-31-5	2.8597	99.99%	4.69%	999900
				Others	Trade Secret	0.0003	0.01%	0.00%	100
Total			61.0000			61.0000	100%		1000000