



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: Suzhou Zhen Kun Technology Limited

Product Name: TLSR8258F512ET48

Weight(Unit): 126.35 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	1.1400	Silicon	7440-21-3	1.1400	100.00%	0.90%	1000000
Die2	GD Die	SMIC BJ	0.1900	Silicon	7440-21-3	0.1900	100.00%	0.15%	1000000
Lead Frame	A194	Ningbo Kangqiang	69.0000					54.61%	
				Cu	7440-50-8	65.3981	94.78%	51.76%	947799
				Fe	7349-89-6	1.5725	2.28%	1.24%	22790
				Pb	7439-92-1	0.0001	0.00%	0.00%	1
				p	7723-14-0	0.0173	0.03%	0.01%	250
				Zn	7440-66-6	0.0869	0.13%	0.07%	1260
				Ag	7440-22-4	1.9251	2.79%	1.52%	27900
DAF	310WJ1-P	Nitto	0.1000					0.08%	
				Epoxy resin	Trade Secret	0.0250	25.0%	0.02%	250000
				Phenol resin	Trade Secret	0.0250	25.0%	0.02%	250000
				Silica, amorphous	7631-86-9	0.0400	40.0%	0.03%	400000
				Synthetic rubber	Trade Secret	0.0100	10.0%	0.01%	100000
Epoxy	4900WY	Hitachi	0.5300					0.42%	
				Acrylic resin	Trade secret	0.0557	10.50%	0.04%	105000
				polybutadiene derivative	Trade secret	0.0212	4.00%	0.02%	40000
				Epoxy resin	Trade secret	0.0053	1.00%	0.00%	10000
				Acrylate	Trade secret	0.0424	8.00%	0.03%	80000
				Peroxide	Trade secret	0.0027	0.50%	0.00%	5000
				Additive	Trade secret	0.0053	1.00%	0.00%	10000
				Silver	7440-22-4	0.2385	45.00%	0.19%	450000
				Al	7429-90-5	0.1590	30.00%	0.13%	300000
Wire	CW11	Wiretech	0.6600					0.52%	
				Ag	7440-22-4	0.6534	99.0000%	0.52%	990000
				Secret	Trade Secret	0.0066	1.0000%	0.01%	10000
Mold Compound	G700LA	Sumitomo	52.1300					41%	
				Epoxy Resin	Trade Secret	3.9098	7.50%	3.09%	75000
				Phenol Resin	Trade Secret	1.5639	3.00%	1.24%	30000
				Silica(Amorphous) A	60676-86-0	41.1566	78.95%	32.57%	789500
				Silica(Amorphous) B	7631-86-9	5.2130	10.00%	4.13%	100000
				Carbon Black	1333-86-4	0.2867	0.55%	0.23%	5500
Plating	TIN	GHT	2.6000					2.06%	
				Tin	7440-31-5	2.5997	99.99%	2.06%	999900
				Others	Trade Secret	0.0003	0.01%	0.00%	100
Total			126.3500			126.3500	100%	1000000	