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Telink

Telink Semiconductor (Shanghai) CO., LTD  
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Composition Table

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

From:Tongfu Microelectronics Co.,Ltd

Product Name:TLSR8355F512ET48

Weight(Unit):117.2200mg

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	0.8700	Silicon	7440-21-3	0.8700	100.00%	0.74%	1000000
Die2	GD Die	SMIC BJ	0.2100	Silicon	7440-21-3	0.2100	100.00%	0.18%	1000000
Lead Frame	A194	康强	59.4200	Cu	7440-50-8	57.8914	97.43%	50.70%	974275
				Fe	7439-89-6	1.3964	2.35%	1.19%	23500
				Pb	7439-92-1	0.0089	0.02%	0.01%	150
				P	7723-14-0	0.0490	0.08%	0.04%	825
				Zn	7440-66-6	0.0743	0.13%	0.06%	1250
DAF	HR-5104	RESONAC Materials	0.0300	Epoxy resin A	Trade secret	0.0030	10.0%	0.00%	100000
				Epoxy resin B	Trade secret	0.0042	14.0%	0.00%	140000
				Phenol Resin	Trade secret	0.0042	14.0%	0.00%	140000
				SiO2 Filler	Trade secret	0.0144	48.0%	0.01%	480000
				Acrylic Copolymer	Trade secret	0.0042	14.0%	0.00%	140000
Epoxy	9246LB5	Yihua	0.1000	Diethylene glycol monoethyl ether acetate	112-15-2	0.0100	10.00%	0.01%	100000
				Silica	15468-32-3	0.0600	60.00%	0.05%	600000
				Acylate resin	Proprietary	0.0150	15.00%	0.01%	150000
				Epoxy resin	Proprietary	0.0140	14.00%	0.01%	140000
				Peroxide	Proprietary	0.0010	1.00%	0.00%	10000
Wire	AGOF	PPM	0.7200	Ag	7440-22-4	0.7056	98.0000%	0.60%	980000
				others	/	0.0144	2.0000%	0.01%	20000
Mold Compound	EME-G631BQ	Sumitomo	52.6400	Epoxy ResinA	Trade secret	1.5792	3.00%	45%	30000
				Epoxy ResinB	Trade secret	1.5792	3.00%	1.35%	30000
				Phenol Resin	Trade secret	3.9480	7.50%	3.37%	75000
				Silica(Amorphous) A	60676-86-0	39.7169	75.45%	33.88%	754500
				Silica(Amorphous) B	7631-86-9	3.9480	7.50%	3.37%	75000
				Metal Hydroxide	Trade secret	1.5792	3.00%	1.35%	30000
				Carbon Black	1333-86-4	0.2895	0.55%	0.25%	5500
Plating	TIN	AISEN	3.2300	Tin	7440-31-5	3.2297	99.99%	2.76%	999900
				Others	Trade Secret	0.0003	0.01%	0.00%	100
Total			117.2200			117.2200	100%	1000000	