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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:TLSR8208BER  
Weight(Unit):39.9958mg

Date:2023/11/30

	Material name	Vendor	Weight(mg)	Substance Name	CAS No	Weight(mg)	Content (%) Substance	Content (%) Whole chip	Content (ppm)
Die1	Telink Die	SMIC BJ	0.7659	Silicon	7440-21-3	0.7659	100.00%	1.91%	1000000
Die2	GD Die	SMIC BJ	0.1698	Silicon	7440-21-3	0.1698	100.00%	0.42%	1000000
Lead Frame	A194	AAMI	19.4000	Copper (Cu)	7440-50-8	18.7768	96.79%	48.51%	967875
				Iron (Fe)	7439-89-6	0.4559	2.35%	1.14%	23500
				Lead (Pb)	7439-92-1	0.0010	0.01%	0.00%	50
				Phosphorus (P)	7723-14-0	0.0160	0.08%	0.04%	825
				Zinc (Zn)	7440-66-6	0.0243	0.13%	0.06%	1250
				Silver (Ag)	7440-22-4	0.1261	0.65%	0.32%	6500
				DAF	HR-5104	SD	0.0204	Epoxy resin A	Trade secret
				Epoxy resin B	Trade secret	0.0029	14.0%	0.01%	140000
				Phenol Resin	Trade secret	0.0029	14.0%	0.01%	140000
				SiO2 Filler	Trade secret	0.0098	48.0%	0.02%	480000
				Acrylic Copolymer	Trade secret	0.0029	14.0%	0.01%	140000
Epoxy	9246LB5	Yihua	0.0921	Diethylene glycol monoethyl ether acetate	112-15-2	0.0092	10.00%	0.02%	100000
				Silica	15468-32-3	0.0553	60.00%	0.14%	600000
				Acylate resin	Proprietary	0.0138	15.00%	0.03%	150000
				Epoxy resin	Proprietary	0.0129	14.00%	0.03%	140000
				Peroxide	Proprietary	0.0009	1.00%	0.00%	10000
				Wire	AGOF	PPM	0.1641	Ag	7440-22-4
				others	/	0.0033	2.0000%	0.01%	20000
Mold Compound	EME-G631BQ	Sumitomo	18.6735	Epoxy ResinA	Trade secret	0.5602	3.00%	46.69%	30000
				Epoxy ResinB	Trade secret	0.5602	3.00%	1.40%	30000
				Phenol Resin	Trade secret	1.4005	7.50%	3.50%	75000
				Silica(Amorphous) A	60676-86-0	14.0892	75.45%	35.23%	754500
				Silica(Amorphous) B	7631-86-9	1.4005	7.50%	3.50%	75000
				Metal Hydroxide	Trade secret	0.5602	3.00%	1.40%	30000
				Carbon Black	1333-86-4	0.1027	0.55%	0.26%	5500
				Plating	TIN	AISEN	0.7100	Tin	7440-31-5
				Others	Trade Secret	0.0001	0.01%	0.00%	100
Total			39.9958			39.9958	100%		1000000