



Telink

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## Composition Table

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

From: Forehope Electronic (Ningbo) Co.,Ltd.

Product Name: TLSR9218AER

Weight(Unit): 91.3442 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	<a href="#">2.9460</a>	Silicon	7440-21-3	2.9460	100.00%	<a href="#">3.23%</a>	1000000	
Die2	Puya Die	HLMC	<a href="#">0.3674</a>	Silicon	7440-21-3	0.3674	100.00%	<a href="#">0.40%</a>	1000000	
Lead Frame	A194	新恒汇	<a href="#">52.0330</a>	Copper	7440-50-8	49.1192	94.40%	<a href="#">56.96%</a>	944000	
				Iron	7439-89-6	1.1968	2.30%	1.31%	23000	
				Lead	7439-92-1	0.0052	0.01%	0.01%	100	
				Phosphorus	7723-14-0	0.0728	0.14%	0.08%	1400	
				Zinc	7440-66-6	0.0780	0.15%	0.09%	1500	
				Silver	7440-22-4	1.5610	3.00%	1.71%	30000	
DAF	L1-403NCA	LEGEND	<a href="#">0.5057</a>	Diethylene glycol monoethyl ether acetate	112-15-2	0.0187	3.7%	<a href="#">0.55%</a>	37000	
				Silver flake	7440-22-4	0.4349	86.0%	0.48%	860000	
				Acylate resin	15625-89-5	0.0253	5.0%	0.03%	50000	
				Epoxy resin	Proprietary	0.0253	5.0%	0.03%	50000	
				Peroxide	Proprietary	0.0015	0.3%	0.00%	3000	
Film	ATB-F125E1-12	Henkel	<a href="#">0.0289</a>	Silicon dioxide	7631-86-9	0.0159	55.00%	<a href="#">0.03%</a>	550000	
				Modified epoxy resin	Trade Secret	0.0072	25.00%	0.01%	250000	
				Poly[oxy[(2-oxiranyl)-1,2-cyclohexanediyl]], a-hydro-w-hydroxy-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1)	244772-00-7	0.0023	8.00%	0.00%	80000	
				Phenol-formaldehyde polymer	9003-35-4	0.0023	8.00%	0.00%	80000	
				bisphenol-A-(epichlorhydrin)	25068-38-6	0.0012	4.00%	0.00%	40000	
Wire	R2SS	乐金	<a href="#">0.4001</a>	Silver	7440-22-4	0.3821	95.5000%	<a href="#">0.44%</a>	955000	
				Palladium	7440-05-3	0.0180	4.5000%	0.02%	45000	
Mold Compound	G630	Sumitomo	<a href="#">32.7752</a>	Epoxy Resin A	Trade Secret	0.6555	2.00%	<a href="#">36%</a>	20000	
				Epoxy Resin B	Trade Secret	0.6555	2.00%	0.72%	20000	
				Phenol Resin	Trade Secret	2.2943	7.00%	2.51%	70000	
				Silica(Amorphous)A	Trade Secret	26.2202	80.00%	28.70%	800000	
				Silica(Amorphous)B	60676-86-0	1.9665	6.00%	2.15%	60000	
				Metal Hydroxide	Trade Secret	0.8194	2.50%	0.90%	25000	
				Carbon Black	1333-86-4	0.1639	0.50%	0.18%	5000	
Plating	TIN	YunNan Tin	<a href="#">2.2879</a>	Tin	7440-31-5	2.2877	99.99%	<a href="#">2.50%</a>	999900	
				other	Trade secret	0.0002	0.01%	0.00%	100	
Total			<a href="#">91.3442</a>			<a href="#">91.3442</a>	100%		<a href="#">1000000</a>	