

The RoHS directive, REACH regulation, and other laws and regulations related to the management of environmentally hazardous substances come into effect. When developing products, the global environmental load must be considered. ROHM pursues green procurement and endeavors to increase the detection accuracy of chemicals contained in parts and procured materials while at the same time placing great importance on the internal chemical management system that was built to ensure that no prohibited substances are procured, used, or shipped in order to provide a steady supply of worry-free products.

TR-TUMT6-JE\_Rev.6

Type	Package Code	ROHM Package	Mass (mg)	Part No.
Transistor	SOT-363T	TUMT6	7.7300	-

No	Part Name	Weight (mg)	Substance Name	CAS No	Weight (mg)	Portion vs. Products	Portion vs. Part Name	
1	Mold compound	3.2660	Silica (amorphous)	60676-86-0	2.7222	35.22%	83.35%	
			Epoxy resin	-	0.2382	3.08%	7.29%	
			Phenol-formaldehyde resin	-	0.2382	3.08%	7.29%	
			Epoxy resin bromide	68541-56-0	0.0340	0.44%	1.04%	
			Antimony trioxide	1309-64-4	0.0170	0.22%	0.52%	
			Organic phosphorus compounds	-	0.0157	0.20%	0.48%	
			Bismuth compounds	-	0.0007	0.01%	0.02%	
			<i>Subtotal</i>				3.2660	42.25%
2	Lead frame (Base material)	3.9366	Copper (Cu)	7440-50-8	3.9327	50.88%	99.90%	
			Iron (Fe)	7439-89-6	0.0039	0.05%	0.10%	
			<i>Subtotal</i>				3.9366	50.93%
3	Lead frame (Surface treatment)	0.0804	Silver (Ag)	7440-22-4	0.0804	1.04%	100.00%	
			<i>Subtotal</i>				0.0804	1.04%
4	External plating	0.0800	Tin (Sn)	7440-31-5	0.0784	1.01%	98.00%	
			Copper (Cu)	7440-50-8	0.0016	0.02%	2.00%	
			<i>Subtotal</i>				0.0800	1.03%
5	Die	0.1890	Silicon (Si)	7440-21-3	0.1829	2.37%	96.77%	
			Nickel (Ni)	7440-02-0	0.0031	0.04%	1.64%	
			Silver (Ag)	7440-22-4	0.0020	0.03%	1.06%	
			Gold (Au)	7440-57-5	0.0010	0.01%	0.53%	
			<i>Subtotal</i>				0.1890	2.45%
6	Die attach	0.0260	Silver (Ag)	7440-22-4	0.0218	0.28%	83.70%	
			Epoxy Resin	-	0.0042	0.05%	16.30%	
			<i>Subtotal</i>				0.0260	0.34%
7	Bonding wire	0.1520	Gold (Au)	7440-57-5	0.1520	1.97%	100.00%	
			<i>Subtotal</i>				0.1520	1.97%
				<i>Total</i>	-	7.7300	100%	-

**Note**

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- This information provides estimates of the average weights and content of component materials. and does not include impurities or metals diffused in the silicon.
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