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.

	T	Der						UMT5-JE_Rev.6
Туре		Pac	Package Code		IM Package	Mass (mg)	Part No.	
Transistor		SOT-353T		TUMT5		7.6500	-	
Nº	Part Name	Weight (mg)	Substance	Name	CAS №	Weight (mg)	Portion vs. Products	Portion vs. Part Name
	Mold compound	3.2800	Silica (amorphous)		60676-86-0	2.7339	35.74%	83.35%
			Epoxy resin		-	0.2392	3.13%	7.29%
			Phenol-formaldehyde resin		-	0.2392	3.13%	7.29%
1			Epoxy resin brom	ide	68541-56-0	0.0342	0.45%	1.04%
			Antimony trioxide		1309-64-4	0.0171	0.22%	0.52%
			Organic phospho compounds	rus	-	0.0157	0.21%	0.48%
			Bismuth compounds		-	0.0007	0.01%	0.02%
				Subtotal		3.2800	42.88%	100%
	Lead frame (Base material)	3.8582	Copper (Cu)		7440-50-8	3.8543	50.38%	99.90%
2			Iron (Fe)		7439-89-6	0.0039	0.05%	0.10%
				Subtotal		3.8582	50.43%	100%
3	Lead frame (Surface treatment)	0.0788	Silver (Ag)		7440-22-4	0.0788	1.03%	100.00%
3				Subtotal		0.0788	1.03%	100%
	External plating	0.0660	Tin (Sn)		7440-31-5	0.0647	0.85%	98.00%
4			Copper (Cu)		7440-50-8	0.0013	0.02%	2.00%
				Subtotal		0.0660	0.86%	100%
	Die	0.1890	Silicon (Si)		7440-21-3	0.1829	2.39%	96.77%
			Nickel (Ni)		7440-02-0	0.0031	0.04%	1.64%
5			Silver (Ag)		7440-22-4	0.0020	0.03%	1.06%
			Gold (Au)		7440-57-5	0.0010	0.01%	0.53%
				Subtotal		0.1890	2.47%	100%
6	Die attach	0.0260	Silver (Ag)		7440-22-4	0.0218	0.28%	83.70%
			Epoxy Resin		-	0.0042	0.06%	16.30%
				Subtotal		0.0260	0.34%	100%
7	Bonding wire	0.1520	Gold (Au)		7440-57-5	0.1520	1.99%	100.00%
'				Subtotal		0.1520	1.99%	100%
				Total	-	7.6500	100%	-

Note

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•All information in this document is furnished for exploratory or indicative purposes only.

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

•ROHM strives for the accuracy of the information, however, ROHM does not give any representations or warranties as to the

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