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DI-USH-JE_Rev.7

Type	Package Code	ROHM Package	Mass (mg)	Part No.
Diode	SOD-323FL	UMD2	3.4000	-

No	Part Name	Weight (mg)	Substance Name	CAS No	Weight (mg)	Portion vs. Products	Portion vs. Part Name	
1	Mold compound	2.6070	Silica (amorphous)	60676-86-0	1.9020	55.94%	72.96%	
			Epoxy resin	29690-82-2	0.3330	9.79%	12.77%	
			Phenol resin	9003-35-4	0.2350	6.91%	9.01%	
			Brominated epoxy resin	68541-56-0	0.0880	2.59%	3.38%	
			Antimony trioxide	1309-64-4	0.0250	0.74%	0.96%	
			Organic phosphorus compounds	-	0.0130	0.38%	0.50%	
			Azo compound*1	-	0.0100	0.29%	0.38%	
			Chromium compounds except for hexavalent chromium compounds	-	0.0010	0.03%	0.04%	
			<i>Subtotal</i>		<i>2.6070</i>	<i>76.68%</i>	<i>100%</i>	
2	Lead frame (Base material)	0.6100	Iron (Fe)	7439-89-6	0.3538	10.41%	58.00%	
			Nickel (Ni)	7440-02-0	0.2562	7.54%	42.00%	
			<i>Subtotal</i>		<i>0.6100</i>	<i>17.94%</i>	<i>100%</i>	
3	Lead frame (Surface treatment)	0.0890	Copper (Cu)	7440-50-8	0.0890	2.62%	100.00%	
			<i>Subtotal</i>		<i>0.0890</i>	<i>2.62%</i>	<i>100%</i>	
4	External plating	0.0300	Tin (Sn)	7440-31-5	0.0290	0.85%	96.50%	
			Silver (Ag)	7440-22-4	0.0009	0.03%	3.00%	
			Copper (Cu)	7440-50-8	0.0002	0.00%	0.50%	
			<i>Subtotal</i>		<i>0.0300</i>	<i>0.88%</i>	<i>100%</i>	
5	Die	0.0550	Silicon (Si)	7440-21-3	0.0480	1.41%	87.27%	
			Gold (Au)	7440-57-5	0.0070	0.21%	12.73%	
			<i>Subtotal</i>		<i>0.0550</i>	<i>1.62%</i>	<i>100%</i>	
6	Bonding wire	0.0090	Gold (Au)	7440-57-5	0.0090	0.26%	100.00%	
			<i>Subtotal</i>		<i>0.0090</i>	<i>0.26%</i>	<i>100%</i>	
			<i>Total</i>			<i>3.4000</i>	<i>100%</i>	<i>-</i>

Note

*1 : Not created amine.

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