

CONSTITUTION MATERIALS LIST

Product	LED
Series	SLD430WBD
Mass (mg)	169.80290

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.

○ This item is in compliance with RoHS.

○ Pb free

製品本体 Product							
No	構成材料 Material Name	部位重量 Part Weight (mg)	物質名 Substance Name	CAS №	含有量 Content Weight (mg)	含有率(%) 〈/製品重量〉 Content per Product Weight	含有率(%) 〈/構成材料〉 Content per Part Weight
1	リードフレーム Lead Frame	64.95000	鉄 Iron(Fe)	7439-89-6	62.94000	37.0665	96.9053
			銅 Copper(Cu)	7440-50-8	0.08000	0.0471	0.1232
			銀 Silver(Ag)	7440-22-4	1.93000	1.1366	2.9715
2	ボンディングワイヤー Bonding wire	0.01000	金 Gold(Au)	7440-57-5	0.01000	0.0059	100.0000
3	封止樹脂 Resin	5.78000	シリコン樹脂 Silicone Resin	-	5.26400	3.1001	91.0727
			蛍光材 Phoshor	—	0.51600	0.3039	8.9273
4	封止樹脂 Resin	89.05000	エポキシ樹脂 Epoxy Resin	-	89.05000	52.4432	100.0000
5	拡散剤 Diffuser	0.00190	非結晶性シリカ Amorphous Silica	60676-86-0	0.00180	0.0011	94.7368
			結晶性シリカ Crystalline Silica	14808-60-7	0.00010	0.0001	5.2632
5	端子処理 Terminal Plating	10.00000	錫 Tin(Sn)	7440-31-5	9.65000	5.6831	96.5000
			銀 Silver(Ag)	7440-22-4	0.30000	0.1767	3.0000
			銅 Copper(Cu)	7440-50-8	0.05000	0.0294	0.5000
6	LED素子 LED Die	0.01100	炭化シリコン Silicon carbide(SiC)	409-21-2	0.01070	0.0063	97.2727
			金 Total	409-21-2	0.00003	0.0000	0.2727
			その他 Other	—	0.00027	0.0002	2.4545
			Total	—	169.80290	100.0000	

Disclaimer

- 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 accuracy or completeness of such information and shall have no liability for the consequences of use of such information.
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Notes

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- 2) Before you use our Products, please contact our sales representative and verify the latest specifications :
- 3) Although ROHM is continuously working to improve product reliability and quality, semiconductors can break down and malfunction due to various factors.
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