

Product	LED
Series	SLR343BD
Mass (mg)	119.95100

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 No	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	52.4714	96.9053
			銅 Copper (Cu)	7440-50-8	0.08000	0.0667	0.1232
			銀 Silver (Ag)	7440-22-4	1.93000	1.6090	2.9715
3	ボンディングワイヤ Bonding wire	0.01000	金 Gold (Au)	7440-57-5	0.01000	0.0083	100.0000
4	封止樹脂 Resin	44.98000	エポキシ樹脂 Epoxy Resin	-	44.98000	37.4986	100.0000
5	端子処理 Terminal Plating	10.00000	錫 Tin (Sn)	7440-31-5	9.65000	8.0450	96.5000
			銀 Silver (Ag)	7440-22-4	0.30000	0.2501	3.0000
			銅 Copper (Cu)	7440-50-8	0.05000	0.0417	0.5000
6	LED素子 LED Die	0.01100	炭化シリコン Silicon carbide (SiC)	409-21-2	0.01070	0.0089	97.2727
			金 Gold (Au)	7440-57-5	0.00003	0.0000	0.2727
			その他 Other	-	0.00027	0.0002	2.4545
Total				-	119.95100	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.
Therefore, in order to prevent personal injury or fire arising from failure, please take safety measures such as complying with the derating characteristics, implementing redundant and fire prevention designs, and utilizing backups and fail-safe procedures. ROHM shall have no responsibility for any damages arising out of the use of our Products beyond the rating specified by ROHM.
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- 6) The Products are intended for use in general electronic equipment (i.e. AV/OA devices, communication, consumer systems, gaming/entertainment sets) as well as the applications indicated in this document.
- 7) The Products specified in this document are not designed to be radiation tolerant.
- 8) For use of our Products in applications requiring a high degree of reliability (as exemplified below), please contact and consult with a ROHM representative : transportation equipment (i.e. cars, ships, trains), primary communication equipment, traffic lights, fire/crime prevention, safety equipment, medical systems, servers, solar cells, and power transmission systems.
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