



PRODUCTS APPLICATION SUPPORT SALES CONTACTS

Product Catalog Discontinuation Documents

LED (Light Emitting Diodes)
TOPLED
Power TOPLED
Advanced Power TOPLED
Advanced Power TOPLED Plus
Golden DRAGON
Platinum DRAGON
Diamond DRAGON
Golden DRAGON Plus
Golden DRAGON ARGUS
OSTAR
CERAMOS
OSLUX
MULTILED
Multi CHIPLED
Multi SIDELED
Multi TOPLED
Mini TOPLED

● Home ● / LED (Light Emitting Diodes) ● / SIDELED ● / LCB A6SG

LCB A6SG

SIDELED, color on demand blue, colored diffused silicone resin, ThinGaN Technology - long life time - Lead Free - RoHS compliant

Features

- Package: white SMT package, colored diffused silicone resin
- Feature of the device: more light due to higher optical efficiency extremely wide viewing angle ideal for backlighting and coupling in light guides
- Color coordinates: x = 0.2, y = 0.3 CIE 1931 (color on demand blue)
- Viewing angle at 50 % I_V: 120°, (Lambertian Emitter)
- Technology: ThinGaN
- Typ. efficiency: 45 lm/W
- Grouping parameter: luminous intensity color coordinates
- soldering methods: Reflow soldering, TTW soldering
- Preconditioning: JEDEC Level 2 according to JEDEC S-STD-020-D
- Taping: 12 mm tape with 2000/reel, Ø 330 mm
- ESD-withstand voltage: 2 kV acc. to JESD22-A114-D

Parametric Search

- [Search for technical parameters](#)

Related Links

- [LED Light for you - The network for LED lighting technology](#)
- [Optical Simulation / Ray files](#)

Contact us

- [Sales Contacts](#)
- [Technical Support](#)

Product Status

PointLED
SmartLED 0603
CHIPLED
SIDELED
Micro SIDELED
FIREFLY
3 mm (T1) LED
5 mm (T1 3/4) LED
OvalLED
Accessories
Silicon Photodetectors
Optical Sensors
Infrared Emitters
High-Power Laser Diodes
Visible Laser
Intelligent Displays
Discontinued Products

Applications

- backlighting (LCD, switches, displays, illuminated advertising, general lighting)
- substitution of micro incandescent lamps
- emergency lighting
- signal and symbol luminaire
- marker lights (e.g. steps, exit ways, etc.)

Related Product Types			
Status	Product Type	Description	Ordering No.
	LCB A6SG-U2AB	color on demand blue, Lead (Pb) Free Product - RoHS Compliant	on request

Product Parameters

Parameter List

with electrical and technical characteristics


More information

Top