

EG50040S1-CX30-S9A SUNON 5VDC 2.50W Laptop Cooling Fan Datasheet



Brand: SUNON

SKU: [1041354852236](#)

Category: Axial & Centrifugal Fans

Price: **\$20.14**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/eg50040s1-cx30-s9a-sunon-5vdc-2-50w-laptop-cooling-fan>

Product Description

SUNON EG50040S1-CX30-S9A is a 50 x 50 x 4 mm brushless DC blower fan operating at 5 VDC with a 2.50 W power rating. The unit features a high-performance MagLev bearing system and a 4-pin PWM interface for precise speed modulation. Constructed with a UL 94V-0 rated thermoplastic PBT impeller and frame, the internal motor utilizes a multi-pole design to optimize airflow and static pressure within ultra-thin enclosures.

EG50040S1-CX30-S9A Specifications

Model: EG50040S1-CX30-S9A

Brand: SUNON

Category: DC Brushless Blower Fan

Voltage: 5 VDC

Power Consumption: 2.50 W

Current: 0.50 A

Dimensions: 50 x 50 x 4 mm

Bearing Type: MagLev (Magnetic Levitation)

Connector: 4-pin PWM

Material: Thermoplastic PBT

Flammability Rating: UL 94V-0

Motor Type: Brushless DC

Operating Voltage Range: 3.5 to 5.5 VDC

Signal Output: PWM Speed Control

Rotation: Counter-Clockwise

Life Expectancy: 70,000 Hours at 40 °C

EG50040S1-CX30-S9A Applications

Primary applications include integration into LG 15Z90S series laptop thermal modules and ultra-thin notebook chassis. Deployed within compact mobile computing hardware for active heat dissipation from CPU and GPU heat pipe assemblies.

Supplemental Images

