

# 9GA0412P3J32 Sanyo Denki 12VDC 40x40x28mm PWM Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** 989298121758

**Category:** Axial & Centrifugal Fans

**Price:** **\$16.99**

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**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

**Web:** <https://www.equipspares.com>

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Product Page:

<https://www.equipspares.com/product/9ga0412p3j32-sanyo-denki-12vdc-40x40x28mm-pwm-axial-fan>

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## Product Description

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The Sanyo Denki 9GA0412P3J32 is a high-performance DC Axial Fan engineered for mission-critical thermal management in dense electronic enclosures. Part of the renowned San Ace 40 GA series, this unit utilizes advanced aerodynamic impeller geometry to minimize thermal impedance while maintaining exceptional structural rigidity under high rotational velocities. The motor assembly features a precision dual ball bearing system, ensuring longevity and stable operation even under continuous load. With integrated PWM speed control, the 9GA0412P3J32 optimizes power consumption against cooling requirements, delivering high static pressure performance essential for overcoming system resistance in server backplanes and telecommunication equipment.

Model Number: 9GA0412P3J32

Brand: Sanyo Denki

Series: San Ace 40 GA

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.49 A

Input Power: 5.88 W

Rated Speed: 15000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 23.3 CFM (39.6 m<sup>3</sup>/h / 0.66 m<sup>3</sup>/min)

Max. Static Pressure: 47.8 mmH<sub>2</sub>O (469 Pa / 1.88 inH<sub>2</sub>O)

Dimensions: 40 x 40 x 28 mm

Weight: 53 g

Life Expectancy: 40,000 Hours @ 60°C

Speed Control: PWM (Pulse Width Modulation)

Sensor Output: Tachometer (Pulse Sensor)

Noise Level: 54 dB(A)

Frame Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -20°C to +70°C

Storage Temperature: -30°C to +70°C

Ingress Protection: None

Protection: Locked Rotor Protection; Reverse Polarity Protection

Termination: Lead Wires

Designed specifically for high-density computing environments, the 9GA0412P3J32 excels in 1U server racks and blade chassis where space is constrained and airflow resistance is high. Its compact 40mm form factor allows for seamless integration into power supply units and RAID arrays, ensuring critical components remain within safe thermal operating limits. The 9GA0412P3J32 is also widely utilized in industrial automation equipment and network switches, providing reliable forced air cooling to prevent thermal throttling in continuous-duty applications.

## Supplemental Images

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