

## FH 0028M Omron Product Details



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**Part Number:** [FH 0028M](#)

**FirstBom Part:** FH 0028M-13956803

**Category:** [Electronic Components ICs](#)

**Manufacturer:** [Omron](#)

**Applications:** ☒ [Automotive](#) ☒ [Industrial](#) ☒ [Personal electronics](#)

**Description:** Omron Vision Systems FJ / FZ OEM - FH 0028M

**RoHS:**  Lead free / RoHS Compliant

**Stock Category:** Available stock

**Stock Resource:** Franchised Distributor

**Warranty:** 1 Year FirstBom Guarantee » [Learn More](#)

**EDA/CAD Models:** [FH 0028M](#) PCB Footprint and Symbol

**Delivery:**     

**Payment:**     

## **FH 0028M(Omron) Description**

From virtual workstation application to large-scale modeling and simulation, modern visual computing and scientific workflows are growing in both complexity and quantity. Enterprises need data center technology that can deliver extreme performance and scale with versatile capabilities to conquer the diverse computing demands of these increasingly complex workloads. The NVIDIA® L40 GPU delivers unprecedented visual computing performance for the data center, providing next-generation graphics, compute, and AI capabilities. Built on the revolutionary NVIDIA Ada Lovelace architecture, the NVIDIA L40 harnesses the power of the latest generation RT, Tensor, and CUDA cores to deliver groundbreaking visualization and compute performance for the most demanding data center workloads. Powered by the NVIDIA Ada Lovelace Architecture Third-Generation RT Cores Enhanced throughput and concurrent ray-tracing and shading capabilities improve ray-tracing performance, accelerating renders for product design and architecture, engineering, and construction workflows. See lifelike designs in action with hardware-accelerated motion blur to deliver stunning real-time animations. Fourth-Generation Tensor Cores Hardware support for structural sparsity and optimized TF32 format provides out-of-the-box performance gains for faster AI and data science model training. Accelerate AI-enhanced graphics capabilities, including DLSS, delivering upscaled resolution with better performance in select applications. Large GPU Memory Tackle memory-intensive applications and workloads like data science, simulation, 3D modeling, and rendering with 48GB of ultra-fast GDDR6 memory. Allocate memory to multiple users with vGPU software to distribute large workloads among creative, data science, and design teams. Data-Center Ready Designed for 24x7 enterprise data center operations with power-efficient hardware and components, the NVIDIA L40 is optimized to deploy at scale and deliver maximum performance for a diverse range of data center workloads. The L40 includes secure boot with root of trust technology providing an additional layer of security, and is NEBS Level 3 compliant to meet the latest data center standards. Packaged in a dual-slot, passively cooled and power-efficient design, the L40 is available in a wide variety of NVIDIA-Certified Systems™ from leading OEM vendors.

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