

FH 0104R Omron Product Details



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Part Number: [FH 0104R](#)

FirstBom Part: FH 0104R-13956806

Category: [Electronic Components ICs](#)

Manufacturer: [Omron](#)

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

Description: Omron Vision Visiesystemen Xpectia FZ OEM - FH 0104R

RoHS:  Lead free / RoHS Compliant

Stock Category: Available stock

Stock Resource: Franchised Distributor

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

EDA/CAD Models: [FH 0104R](#) PCB Footprint and Symbol

Delivery:     

Payment:     

FH 0104R(Omron) Description

The A800 PCIe 40 GB is a professional graphics card by NVIDIA, launched on November 8th, 2022. Built on the 7 nm process, and based on the GA100 graphics processor, the card does not support DirectX. Since A800 PCIe 40 GB does not support DirectX 11 or DirectX 12, it might not be able to run all the latest games. The GA100 graphics processor is a large chip with a die area of 826 mm² and 54,200 million transistors. It features 6912 shading units, 432 texture mapping units, and 160 ROPs. Also included are 432 tensor cores which help improve the speed of machine learning applications. NVIDIA has paired 40 GB HBM2e memory with the A800 PCIe 40 GB, which are connected using a 5120-bit memory interface. The GPU is operating at a frequency of 765 MHz, which can be boosted up to 1410 MHz, memory is running at 1215 MHz. Being a dual-slot card, the NVIDIA A800 PCIe 40 GB draws power from an 8-pin EPS power connector, with power draw rated at 250 W maximum. This device has no display connectivity, as it is not designed to have monitors connected to it. A800 PCIe 40 GB is connected to the rest of the system using a PCI-Express 4.0 x16 interface. The card measures 267 mm in length, 111 mm in width, and features a dual-slot cooling solution.

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