

## HG GENUINE Full Series of 400G Optical Transceivers in Volume Shipment

Driven by new applications such as online cloud working, autonomous driving, telemedicine, and artificial intelligence, data traffic is entering into a period of rapid development. The global data flow is expected to double every 2 to 3 years in the next decade. How to get balance between the needs of high bandwidth, low cost, and low power consumption has become the first consideration for optical transceiver vendors when designing data communication transceivers solutions.

In order to meet the continuous growth demand of network bandwidth and achieve a smooth transition of network architecture, in Q1 of 2018, HG GENUINE presented the 400G QSFP-DD SR8/AOC optical transceiver for the next generation data center for the first time. The product solution uses high-precision COB plane packaging technology and provides a new generation of low-cost, low-power, high-density and high-speed solution for the large-scale construction of data centers. In Q1 of 2019, 400G QSFP-DD SR8/AOC got into mass-production.

In Q1 of 2021, HG Genuine 400G QSFP-DD DR4/FR4 got into volume shipment to ICP customers, indicating that HG Genuine 400G transceiver solutions have entered into the stage of full series volume shipment. As of now, the shipment of 400G optical transceivers in data center market reaches 18K/month.

With years of technology accumulation and market exploration, HG Genuine 400G transceivers have passed qualification of multiple key accounts and entered into volume shipment. At the same time, as a member of ODCC and 800G Pluggable Association, HG Genuine is actively participating in formulation and renewal of Data Center Industry Standards and optimizing product solutions to provide better cost-competitive products for customers during the construction of Data Centers.