

Silicon Photonics Technology QSFP-DD for Photovoltaic Power Plants

July 11, 2019 - QSFP-DD Hardware Specification for QSFP DOUBLE DENSITY 8X PLUGGABLE TRANSCEIVER - Rev 5.0 May 8, 2019 - Common Management Interface Specification - Rev 4.0

By adding photonics capability to world-leading silicon manufacturing, Intel[®] is developing a new class of high-speed optical connectivity products. Intel[®]; Silicon Photonics combines the manufacturing ...

Thanks to the miniaturization of the technology with a 7-nm manufacturing procedure and innovation in silicon photonic technology, it is now possible to squeeze a 400G-capable Digital Coherent WDM ...

The 400G QSFP-DD ZR+ HO coherent transceiver is compliant with the OIF 400ZR and OpenZR+ standards. Digital diagnostic functions are available via I2C interface as specified by the ...

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QSFP-DD modules can support up to eight electrical lanes on the host interface, which is double the number of lanes supported by QSFP28 or QSFP+ modules. The unique feature of QSFP-DD ports is ...

Intel[®]; Silicon Photonics 400G DR4 QSFP-DD Optical Transceiver quick reference with specifications, features, and technologies.

The high bandwidth module supports 400GbE optical links over single-mode fiber, or quad 100GbE optical links for breakout applications. This product brief, including picture and drawings, contains ...

Incorporating the latest silicon photonics and DSP technology, our coherent pluggable optics feature highly compact QSFP28 (100G ZR/ZR+) and QSFP-DD form factors (400G ZR/ZR+) and can be ...

Both modules are using the Silicon Photonics (SiPho) based optical engine and the latest DSP generation that enables 400G coherent transmission. The QSFP-DD form factor and CMIS5.1 ...

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