

DP9609

PCIe x4 Gen4 with ReDriver to MCIO 38P AIC



Model No.: DP9609

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Features

- ※ Supports Server BMC management
- % Supports Industrial Grade temerature range
- ※ MCIO 38P to PCI Express x4 Gen4 convert
- * Built- in SFF-TA-1016/MCIO 38P, 30u" connector
- 8 Built-in ReDriver to extend PCIe 4.0, 16GT/s 16 lanes differential pair signals data link width, and may provides programmable linear equalization, output swing and flat gain
- ※ Built- in PCIe 100MHz Clock buffer to drive longer trace lengths and more longer cable, Address: 0x6C(7 bits)
- ※ Built- in SMBus Switch, Address: 0x71(7 bits)
- * Built- in SMBus I/O Expander, Address: 0x20(7 bits) for MCIO 38P PWRDIS control
- * Supports PCIe PERST# for OOB(out of band) management to remote MCIO 38P Reset
- ※ Built- in WAKE# bidirectional voltage-level translator for Open-Drain output to be used over longer trace lengths and more longer cable
- ※ Built- in CLKREQ# bidirectional voltage-level translator for Open-Drain output to be used over longer trace lengths and more longer cable
- ※ LED1 Green LED on indicates AIC ready
- * LED2 Green LED on to off indicates PCIe WAKE# signals
- * LED3 Green LED on to off indicates PCIe CLKREQ# signals
- * LED4 Green LED on to off indicates PCIe PERST# signals

Specifications

- ※ PCI Express Base Specification Rev 4.0
- % PCIe_CEM_SPEC_R4_V1_0_08072019_NCB
- * Compliant with SFF-TA-1016 Specification Version 1.0

Operating system support

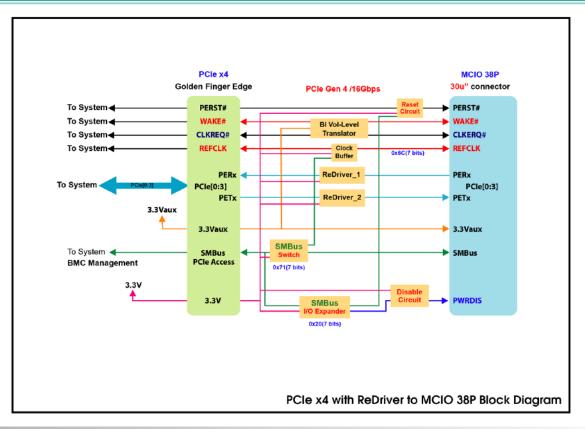
- % Windows 7
- * Windows 8 & 8.1
- * Windows 10
- * UEFI 2.3.1 or later

Applications

- ※ Rack server
- ※ Microserver and Tower server
- * High performance computing
- ※ Hareware accelerator
- ※ Storage Controller HBA(Host Bus Adapter)
- ※ Desktop PC/motherboard



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The switches settings are as noted below

