

PCIe Gen-4 Redrivers Comparison

High Speed Signal Conditioning

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Device	DS160PR410	SN75LVPE4410
Function	4Ch Gen4	4Ch Gen4
Package	4x6mm QFN-40	4x6mm QFN-40
Temperature Range	-40C to 85C	0C to 70C
Power Supply Voltage	3.3V±10%	3.3V±10%
Power Active	165 mW / Ch Max	165 mW / Ch Max
Max speed	25 Gbps	16 Gbps
Max EQ Gain	18 dB @ 8 GHz	18 dB @ 8 GHz
Number of EQ Gain Settings	16	16
Additive Rj	60 fs RMS Typ	60 fs RMS Typ
Latency	70 ps Typ	70 ps Typ
Features	RX_Detect, Pin Mode, I2C / SMBus Slave & Master Mode	RX_Detect, Pin Mode, I2C / SMBus Slave Mode