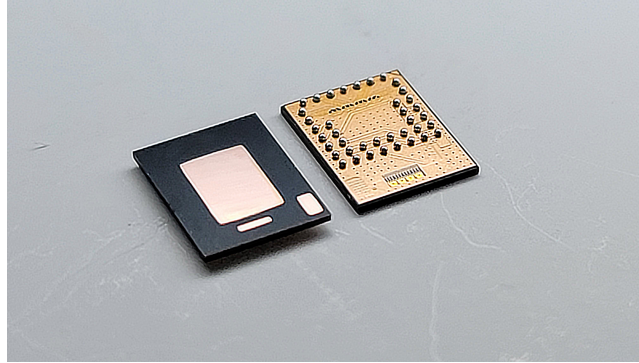


## Products

# Optical Engines for Interconnect



## Optical Engine for 400G-SR4

The optical engine for 400G-SR4 transceiver meets 400GBASE-SR4 transceiver or 400Gbps AOC(Active Optical Cable) standard. The data transmission distance is up to 100m when using with OM4 multi-mode fiber. It is not required to bond the traditional wire for the final transceiver module assembly.

Instructions on the assembly process for producing the module are provided by LIPAC.

Parameter	Value	Note
Max. data rate	425 Gbps	Aggregated data rate
Signal Rate	53.125 Gbaud	PAM4
Electrical Lane	4 ch	Tx: Input, Rx: Output
Optical Lane	4 ch	Tx: Input, Rx: Output
Package Size	(Tx) 4.575 × 3.50 × 0.27 mm <sup>3</sup> (Rx) 4.575 × 3.50 × 0.27 mm <sup>3</sup>	Excluding BGA size
Channel Pitch	0.25 mm	-
Output Optical Power	> 0 dBm	Tx optical launch power per channel
Max. Transmission Distance	100 m	Under QSFP transceiver condition
Operation Temperature	0~70 °C	C-temp
Center Wavelength	850nm	-
Laser Type	VSCEL array	-
Detector Type	PIN photodiode array	-
Data Sheet	-	Provided on customer's request
Test Result	-	Provided on customer's request



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