



Laser Diodes NX6375AA Series

Renesas 25Gb/s, CWDM Laser Diodes

DESCRIPTION

The NX6375AA newly developed direct modulation distributed feedback Laser Diode series provide a 25 Gbps x four wavelengths operation for the light sources in 100 Gbps optical transceivers that are used for communication between servers and routers installed in Data Centers.

FEATURES

- Operation temperature: Tc= -5°C to +85°C
- SMSR (Side Mode Suppression Ratio): 35dB
- Peak wave length: 1271nm, 1291nm, 1311nm, 1331nm for CWDM
- Package: Bare Die (Chip)
- High Reliability: MTTF of 100,000 hours

APPLICATIONS

- 100Gbps Optical Transceivers and Modules (for Data Centers)

ORDERING INFORMATION

Manufacturing Part Number	Description
NX6375AA27-A	Laser Diode, 25Gb/s, CWDM, 1270nm, DML Bare Die
NX6375AA29-A	Laser Diode, 25Gb/s, CWDM, 1290nm, DML Bare Die
NX6375AA31-A	Laser Diode, 25Gb/s, CWDM, 1310nm, DML Bare Die
NX6375AA33-A	Laser Diode, 25Gb/s, CWDM, 1330nm, DML Bare Die

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For a complete list of sales offices, representatives and distributors,

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