

Tunable SFP28

NEW

Global

Key Features

- 15km reach on SMF
- NEC in-house Tunable laser source by Silicon photonics technology
 - C-band, 50 channel, 100GHz grid
- E-Temp

Descriptions

- | | |
|------------------------|---------------------------------|
| ■ Form factor | SFP28, Duplex |
| ■ Bit rate | 24.3-25.8Gb/s |
| ■ Optical interface | 25Gbaud, NRZ |
| ■ Wavelength | C-band, 50 channel, 100GHz grid |
| ■ Electrical interface | 25GAUI, NRZ |
| ■ Reach | 15km |
| ■ Power consumption | 2.5W |
| ■ Operating temp. | -20 to +85 deg.C. |

Status

- | | |
|----------|-----------|
| ■ Sample | Available |
| ■ GA | 3Q 2022 |



2x25G DSFP

Global

Key Features

- 2 BiDi SFP function into SFP size
- 15km reach on SMF
- uncooled DML and PIN-PD
 - 1270/1330nm
- I-Temp

Descriptions

–Form factor	DSFP, 2 BiDi
–Bit rate	24.3-25.8Gb/s
–Optical interface	2 x 25Gbaud, NRZ
–Wavelength	1270/1330nm
–Electrical interface	2 x 25GAUI, NRZ
–Reach	15km
–Power consumption	2W
–Operating temp.	-40 to +85 deg.C.

Status

- GA



SFP56 BR40

参考出展

Global

Key Features

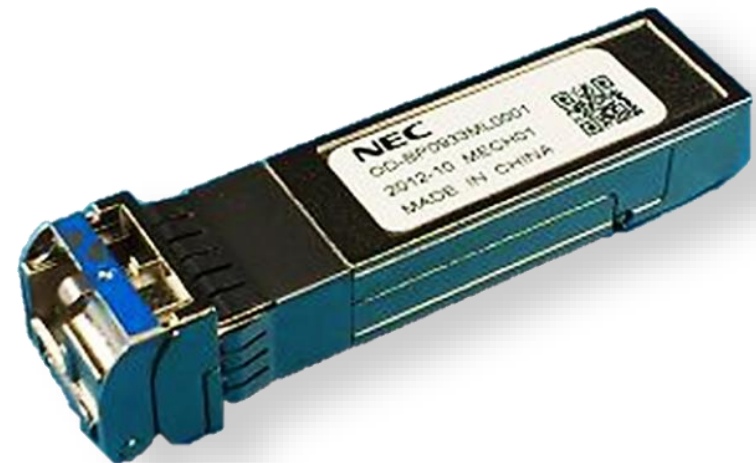
- 40km reach on SMF
- cooled EML and APD
 - 1289/1314nm
- Low latency with Analog CDR
- I-Temp

Descriptions

- Form factor SFP56, BiDi
- Bit rate 53.125Gb/s
- Optical interface 25Gbaud, PAM4
- Wavelength 1289/1314nm
- Electrical interface 50GAUI, PAM4
- Reach 40km
- Power consumption 2.5W
- Operating temp. -40 to +85 deg.C.

Status

- Sample 3Q 2022
- GA 4Q 2022



SFP56-DD

参考出展

Global

Key Features

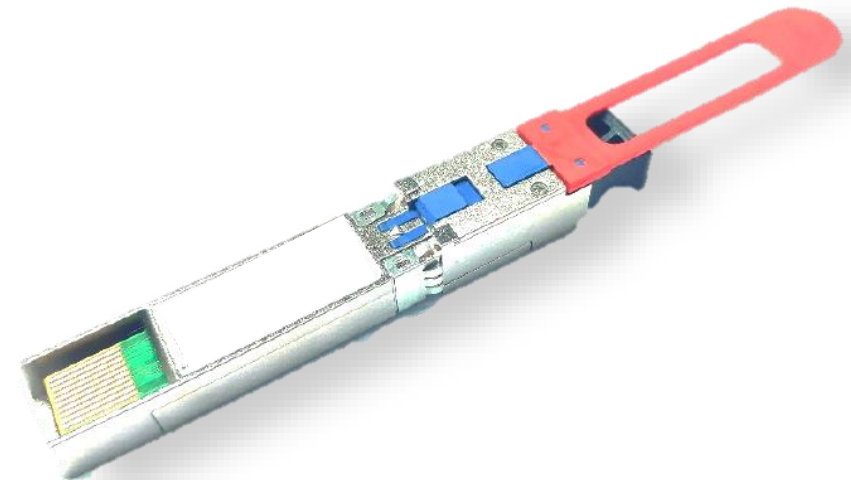
- 30km reach on SMF
- Supports 100G KP1 FEC
- cooled EML and APD
- C-Temp

Status

- GA

Descriptions

- | | |
|------------------------|------------------|
| ■ Form factor | SFP56-DD, Duplex |
| ■ Bit rate | 106.25Gb/s |
| ■ Optical interface | 50Gbaud, PAM4 |
| ■ Wavelength | 1310nm |
| ■ Electrical interface | 2 x 50GAUI, PAM4 |
| ■ Reach | 30km |
| ■ Power consumption | 4W |
| ■ Operating temp. | 0 to +70 deg.C. |



QSFP-DD(400ZR/OpenZR+)

NEW

Global

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Key Features

- For DCI/Metro WDM application
- Supports 400ZR/Open ZR+ Interoperability
- High performance NEL "ExaSPEED 400" DSP

Status

- Sample 3Q 2022
- GA 3Q 2022

Descriptions

- Form factor QSFP-DD
- Wavelength C-band tunable wavelength
- Reach
 - 400G DP-16QAM 300km
 - 200G DP-QPSK 2,500km
 - 100G DP-QPSK 8,000km
- Management INF QSFP-DD-CMIS, OIF Coherent CMIS
- Power consumption <20W (target)
- Operating temp. 0 to +70 deg.C.



400G CFP2-DCO

NEW

Global

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Key Features

- For DCI/Metro WDM application
- Supports 400ZR/Open ZR+/Open ROADM
- High performance NEL "ExaSPEED 400" DSP

Status

- Sample 3Q 2022 (target)
- GA 4Q 2022 (target)

Descriptions

- Form factor CFP2-DCO
- Wavelength C-band tunable wavelength
- Reach
 - 400G DP-16QAM 600km
 - 200G DP-QPSK 3,000km
 - 100G DP-QPSK 10,000km
- Management INF C-MIS
- Power consumption <24W (target)
- Operating temp. 0 to +70 deg.C.

