

Coherent Components



ExaSPEED TERA

[600G High Performance Coherent DSP]

The state-of-the-art 3rd generation 16nm CMOS coherent DSP, runs up to 64GBaud and enhances per-lambda fiber capacity from 100Gbps to 600Gbps.



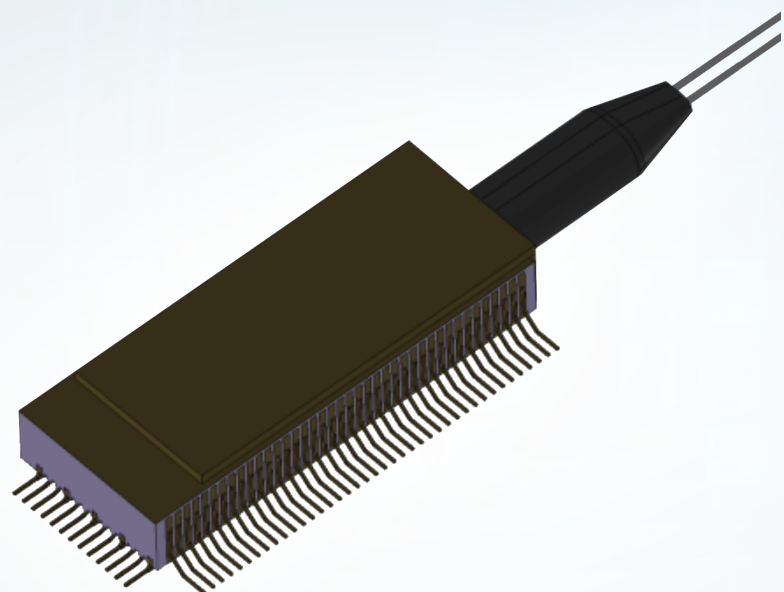
ExaSPEED 200s

[200G Low Power Coherent DSP]

Mini package ExaSPEED 200 for 100G QPSK long reach and 200G 16QAM metro link, can be also applied to CFP2DCO and supports 100GE/2x100GE/OTU4/2xOTU4/OTUC2 clients.



16-nm CMOS coherent DSP solution achieves 0.1W/Gbps ultra low-power consumption.



High Bandwidth Coherent Driver Modulator

An InP-based IQ modulator co-packaged with a quad linear driver supports 400G/600G long-haul and metro applications with a baud rate of 64 Gbaud. It is compliant with OIF-HB-CDM-01.0.



ExaSPEED 200

[200G Low Power Coherent DSP]

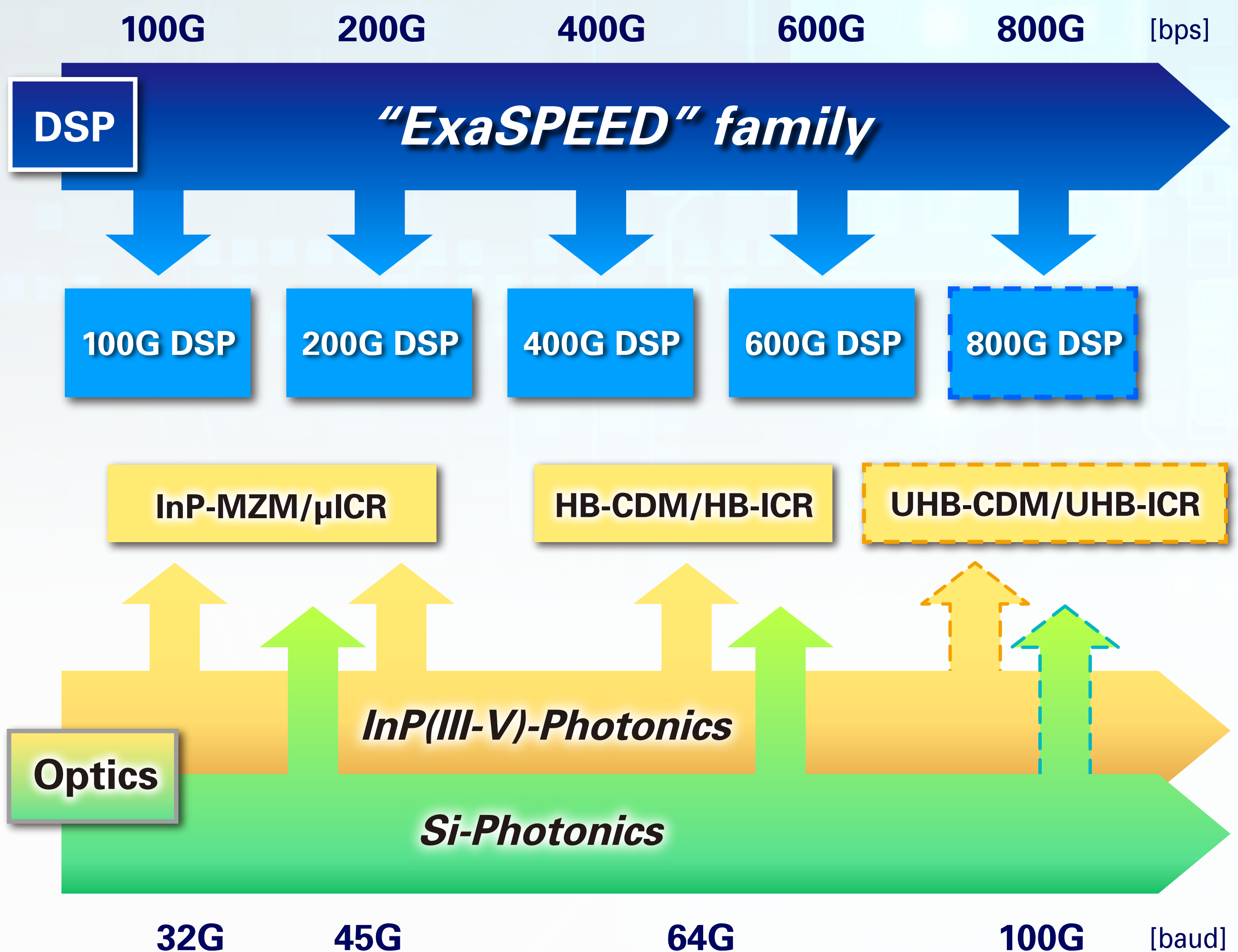
The 3rd generation 16nm CMOS ultra-low power coherent DSP for 200G 16QAM and 100G QPSK, enables optical transponder blades of over 1Tbps class with power consumption of 10W or less per 100Gbps.



16-nm CMOS coherent DSP solution achieves 0.1W/Gbps ultra low-power consumption.

Coherent Technologies

NTT Electronics provides key coherent components upto 600G: DSP ("ExaSPEED" series) and optical devices for 100Gbps to 600Gbps, and solutions with a Software Development Kit (SDK) and Reference Design (RD). These products have a wide range of applications from 100G ultra-long haul telecommunication to 600G datacommunication for DataCenter Interconnects.



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