

Zenko's Burst-Mode ICs.

Zenko Technologies has developed burst-mode ICs which mainly support the OLT of the PON systems. The main effort was focused to the development of burst-mode CDR and SERDES. Zenko Technologies also provides evaluation boards for the ICs.

ZB155CDR:

155 Mbps Burst-Mode Instantaneous CDR for BPON and G-PON OLT. 48 LD 7 mm x 7 mm TQFP Package. (RoHS Compliant)

[Evaluation Board \(ZB155CDR-EV\)](#):

ZB622CDR:

622 Mbps Burst-Mode Instantaneous CDR for G-PON OLT. 48 LD 7 mm x 7 mm TQFP Package. (RoHS Compliant)

[Evaluation Board \(ZB622CDR-EV\)](#)

ZB1G2CDR:

1.25 Gbps Burst-Mode CDR for GE-PON OLT. 48 LD 7 mm x 7 mm TQFP Package.

[Evaluation Board \(ZB1G2CDR-EV\)](#). (RoHS Compliant)

ZB1G2CDR-G:

1.25 Gbps Burst-Mode CDR for G-PON OLT. 48 LD 7 mm x 7 mm TQFP Package.

[Evaluation Board \(ZB1G2CDR-G-EV\)](#). (RoHS Compliant)

ZB1G2SED

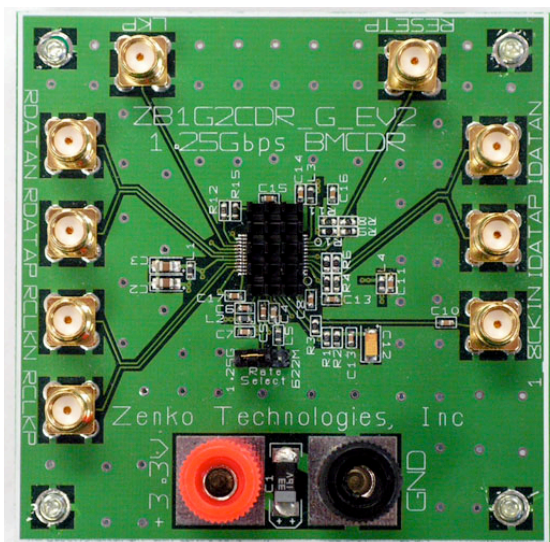
1.25 Gbps Burst-Mode SERDES for both G-PON and GE-PON OLT. 10 bits parallel RX outputs and 10 bits parallel TX inputs. 64 LD 10 mm x 10 mm TQFP Package. (RoHS Compliant)

[Evaluation Board \(ZB1G2SED-EV\)](#).

ZB2G5SED

SERDES for both GE-PON and GE-PON2 OLT. In the upstream, CDR is burst-mode (2 bytes recovery, 16 ns) and 10 bits parallel RX outputs. In TX side (downstream), 10 bits parallel TX inputs for the GE-PON application (1.25 Gbps) and 20 bits parallel TX inputs for GE-PON2 application (2.5 Gbps). 80 LD 14 mm x 14 mm TQFP Package with an exposed pad. (RoHS Compliant)

[Evaluation Board \(ZB2G5SED-EV\)](#).



ZB1G2CDR-G: G-PON BM CDR IC for G-PON OLT and Evaluation board