

No	Features	Production FW v2.8
1	GBT/Reception of clock and TTC data	Yes
2	IPBus v2.6 (IP updated for the USA15)	Yes
3	CombinedTTC/Data to all FEX slots + ROD + OtherHUB	Yes
4	Readout Ctrl Data from ROD (spec 0.8)	Yes
5	ROD Automatic PowerUp Sequence	Yes
6	IBERT controlled via IPBus registers	Yes
7	EyeScan controlled via IPBus registers	Yes
8	FELIX Back-pressure	Yes
9	Privileged Readout bit	No
10	CRC mechanism (CombinedTTC/Data + ReadoutCtrl)	Yes
11	TTC Emulator (fixed)	Yes
12	Fixed latency	Yes

Additional notes:

- (1) Privileged Readout bit is grounded
- (2) GBT machinery can be reset via the IPBUS register (gt_control_array(0).reset_master)
- (3) Design built with Vivado 2020.2