

fast command block

backpressure - i

clk - 40MHz

clk - 330MHz

cfg - fastblock - i [backpressure - enable]

[delay - after - antenna - trigger] [30:0]

[delay - after - fast - reset] [36:0]

[delay - after - test - pulse] [30:0]

[delay - before - next - pulse] [30:0]

[delay - between - consecutive - triggers] [30:0]

[ext - trigger - delay - value] [8:0]

[initial - fast - reset - enable]

[stab OR sel]

[stab - trigger - delay] [8:0]

[stab - trigger - veto - length] [8:0]

[stab - masks] [18:0]

[test - pulse - fsm - signals - enable] [fast - reset - en]

[lla - en]

[test - pulse - en]

[trigger - source] [3:0]

[triggers - to - accept] [19:0]

[user - trigger - frequency] [9:0]

[cmd - strake]

[ipb - fast - duration] [3:0]

[ipb - fast - reset]

[ipb - i2c - refresh]

[ipb - orbit - reset]

[ipb - test - pulse]

[ipb - trigger]

[load - config]

[reset]

[reset - test - pulse]

[start - trigger]

[stop - trigger]

ext - trigger - i

reset

stabx - i

+ tlu 6 8-10 signal - h -