

SCLK specification

▢ Currently, this is specified as

- Frequency: units: MHz; typ: 49.192 MHz +/- 100 ppm,
- Period: units: ns; min: 20.24; typ: 20.34; max: 20.45

▢ Problems

- Period is inconsistent with frequency specification
- No duty cycle/jitter specification

▢ Propose (inspired by Ethernet and Fibre Channel)

- retain frequency specification
- delete period specification
- add
Duty cycle: units: %; min: 40; max: 60