1) HOST → TARGET : COMMAND OR DATA
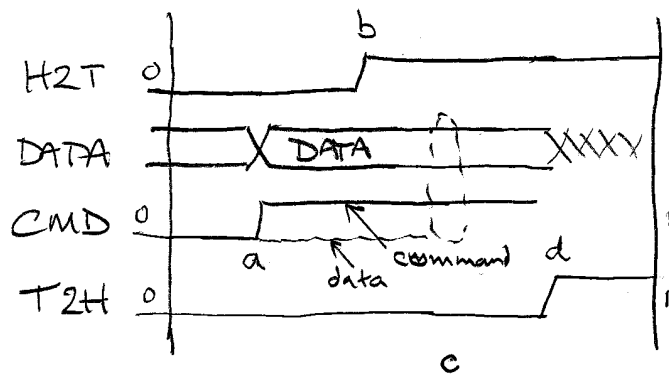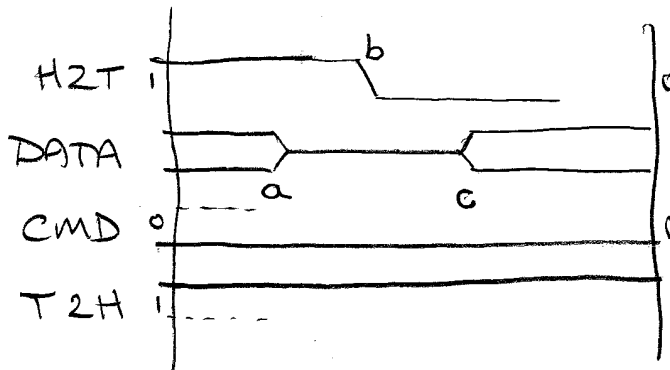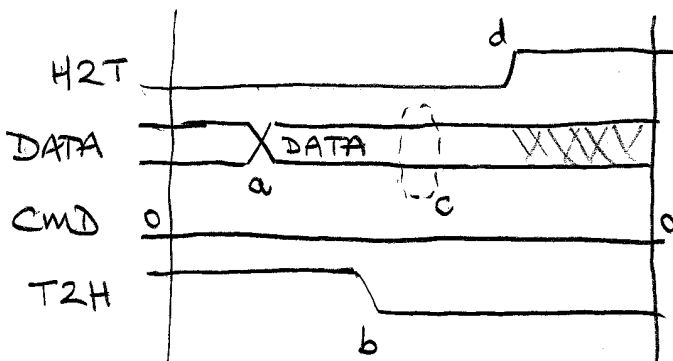

a. Host drives DATA, CMD
b. Host drives H2T = !H2T
c. Target detects H2T transition, samples DATA, CMD
d. Target drives T2H = H2T

- H2T, T2H match at start and end of transaction
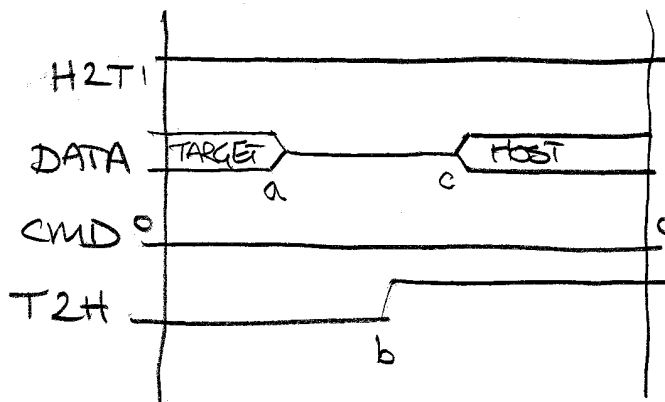
2) BUS TURNAROUND FROM HOST DRIVE TO TARGET DRIVE

a. Host tristates DATA
b. Host drives H2T = !H2T
c. Target detects H2T transition, drives DATA

- H2T, T2H match at start differ at end

3) TARGET → HOST : DATA

a. Target drives DATA
b. Target drives T2H = !T2H
c. Host detects T2H transition, samples DATA
d. Host drives H2T = !T2H

- H2T, T2H differ at start differ at end.

4) BUS TURNAROUND FROM TARGET DRIVE TO HOST DRIVE

a. Target tristates DATA
b. Target drives T2H = !T2H
c. Host detects T2H transition, drives DATA

- H2T, T2H differ at start match at end

Both ends have to track the protocol. When Host is initiating, handshakes start matching. When Target is initiating, handshakes start differing.

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