Time

Signal	Value
rst=	x
clk_ice=	0
clk_ULPI=	0
clk_div_ice=	0
clk_div_ULPI=	0
clk_debounce=	0
IO_LEDs[4:0]=	0

UART
Signal	Value
clk_Rx=	0
Rx=	1
O_DATA[7:0]=	xx
clk_Tx=	0
Tx=	1
I_DATA[7:0]=	00
NxT=	0
send_data=	0
Rx_EMPTY=	1
Tx_FULL=	0

ULPI
Signal	Value
ADDR[5:0]=	00
PrR=	0
REG_VAL_R[7:0]=	00
PrW=	0
REG_VAL_W[7:0]=	00
ULPI_state_r[2:0]=	000
RxCMD[7:0]=	00
USB_DATA[7:0]=	xx
USB_INFO_DATA[15:0]=	xxxx
ULPI_DIR=	0
ULPI_DATA[7:0]=	00
ULPI_NXT=	0
ULPI_RST=	x
ULPI_STP=	0

Operation buffer
Signal	Value
op_stack_pull=	0
op_stack_msg[15:0]=	xxxx
op_stack_empty=	1

Main controller
Signal	Value
force_send=	0
MAIN_state_r[3:0]=	0
MAIN_cmd_r[1:0]=	00
ULPI_ADDR_r[5:0]=	00
UART_Tx_DATA_r[7:0]=	00

Buttons
Signal	Value
IO_BTNs[1:0]=	11
IO_BTNs[1]=	1
IO_BTNs[0]=	1
test_counter[31:0]=	0

Random
Signal	Value
toggle_r=	0
btn2_pulse=	0

Time axis: 7 us, 8 us, 9 us, 10 us, 11 us, 12 us, 13 us, 14 us