STATE MACHINE

| | | |
|---|---|---|
| name | DSR_align | |
| clock | CLK | posedge |
| reset_signal | RST | posedge |
| reset_state | Start | |
| default_state_is_x | 1 | |

INPUTS

- CLK
- RST
- WCNT[2:0]
- EVNCNT[3:0]
- ODDCNT[3:0]

OUTPUTS

| | | |
|---|---|---|
| ALIGNED | 0 | comb |
| WRST | 0 | comb |
| WINC | 0 | comb |
| BIT_SLIP_EVN | 0 | comb |
| BIT_SLIP_ODD | 0 | comb |

STATES

| | | |
|---|---|---|
| ALIGNED | 0 | output |
| WRST | 0 | output |
| WINC | 0 | output |
| BIT_SLIP_EVN | 0 | output |
| BIT_SLIP_ODD | 0 | output |

TRANSITIONS

| | | |
|---|---|---|
| equation | 1 | def_type |
| priority | 1000 | |