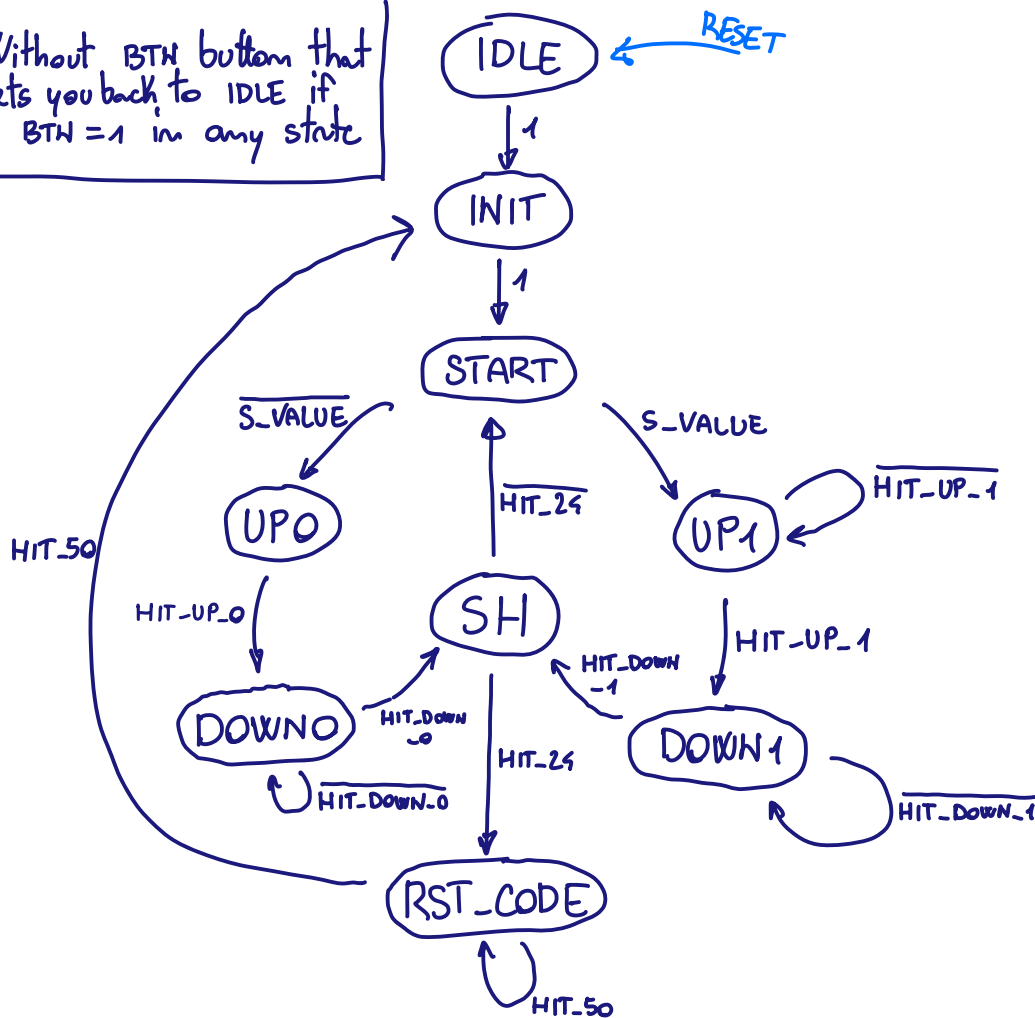


Without BTN button that gets you back to IDLE if $BTN = 1$ in any state



IDLE : • CLR_50

INIT : • LOAD
• CLR_TMP
• CLR_24
• CLR_50

START : • CLR_50

UP1 : • EN_TMP
• S_OUT

DOWN1 : • EN_TMP

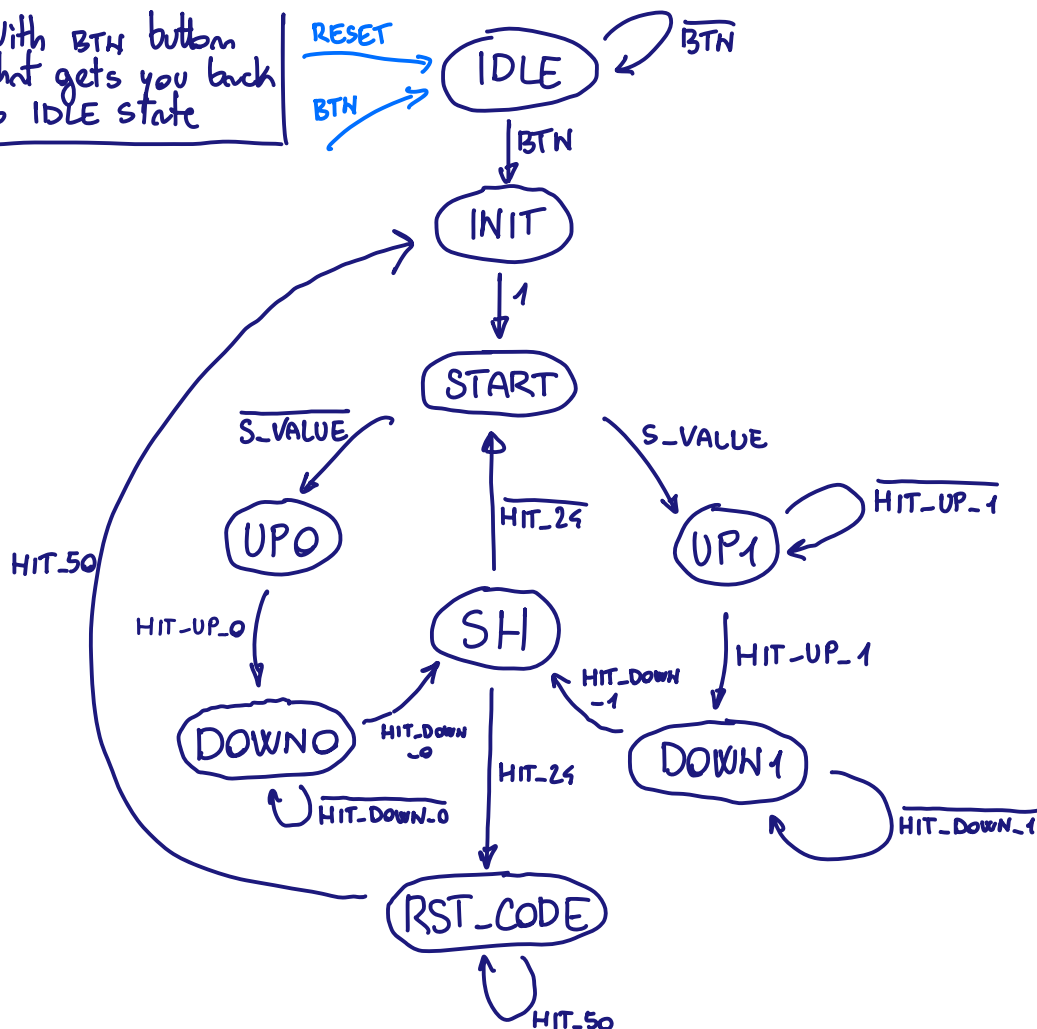
UPO : • EN_TMP
• S_OUT

DOWN0 : • EN_TMP

SH : • SHIFT
• EN_24

RST_CODE : • EN_50

With BTN button that gets you back to IDLE state



IDLE : • CLR_50

INIT : • LOAD
• CLR_TMP
• CLR_24
• CLR_50

START : • CLR_50

UP1 : • EN_TMP
• S_OUT

DOWN1 : • EN_TMP

UPO : • EN_TMP
• S_OUT

DOWN0 : • EN_TMP

SH : • SHIFT
• EN_24

RST_CODE : • EN_50