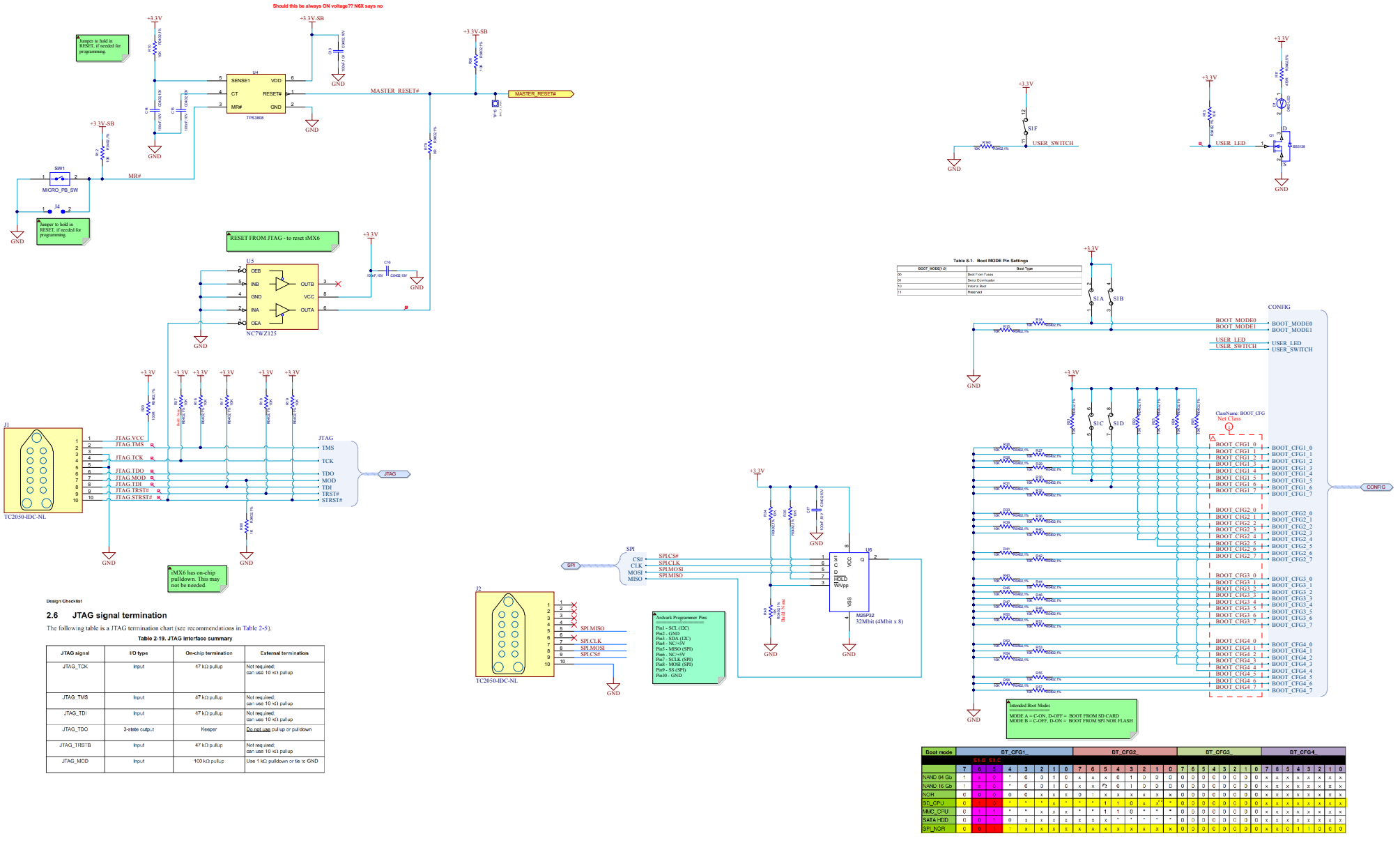

Design Checklist

2.6 JTAG signal termination

The following table is a JTAG termination chart (see recommendations in Table 2-5).

Table 2-19. JTAG interface summary

JTAG signal	I/O type	On-chip termination	External termination
JTAG_TCK	Input	47 kΩ pullup	Not required; can use 10 kΩ pullup
JTAG_TMS	Input	47 kΩ pullup	Not required; can use 10 kΩ pullup
JTAG_TDI	Input	47 kΩ pullup	Not required; can use 10 kΩ pullup
JTAG_TDO	3-state output	Keeper	Do not use pullup or pulldown
JTAG_TRSTB	Input	47 kΩ pullup	Not required; can use 10 kΩ pullup
JTAG_MOD	Input	100 kΩ pullup	Use 1 kΩ pulldown or tie to GND

Boot mode	BT_CFG1_								BT_CFG2_								BT_CFG3_								BT_CFG4_							
	S1-0 S1-5																															
	7	6	5	4	3	2	1	0	7	6	5	4	3	2	1	0	7	6	5	4	3	2	1	0	7	6	5	4	3	2	1	0
NAND 64 Gb	1	x	0	*	0	0	1	0	x	x	x	0	1	0	0	0	0	0	0	0	0	0	0	0	x	x	x	x	x	x	x	x
NAND 16 Gb	1	x	0	*	0	0	1	0	x	x	x	0	1	0	0	0	0	0	0	0	0	0	0	0	x	x	x	x	x	x	x	x
NOR	0	0	0	0	0	x	x	x	0	1	x	x	x	x	x	x	x	0	0	0	0	0	0	0	x	x	x	x	x	x	x	x
SD_CPU	0	1	0	*	*	*	x	*	*	*	1	1	0	x	x	*	*	0	0	0	0	0	0	0	x	x	x	x	x	x	x	x
MMC_CPU	0	1	1	*	*	x	x	*	*	*	1	1	0	*	*	*	*	0	0	0	0	0	0	0	x	x	x	x	x	x	x	x
SATA HDD	0	0	1	0	x	x	x	x	x	x	*	*	*	*	*	*	*	0	0	0	0	0	0	0	x	x	x	x	x	x	x	x
SPI_NOR	0	0	0	1	x	x	x	x	x	x	x	x	x	x	x	x	x	0	0	0	0	0	0	0	x	x	0	1	1	0	0	0

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