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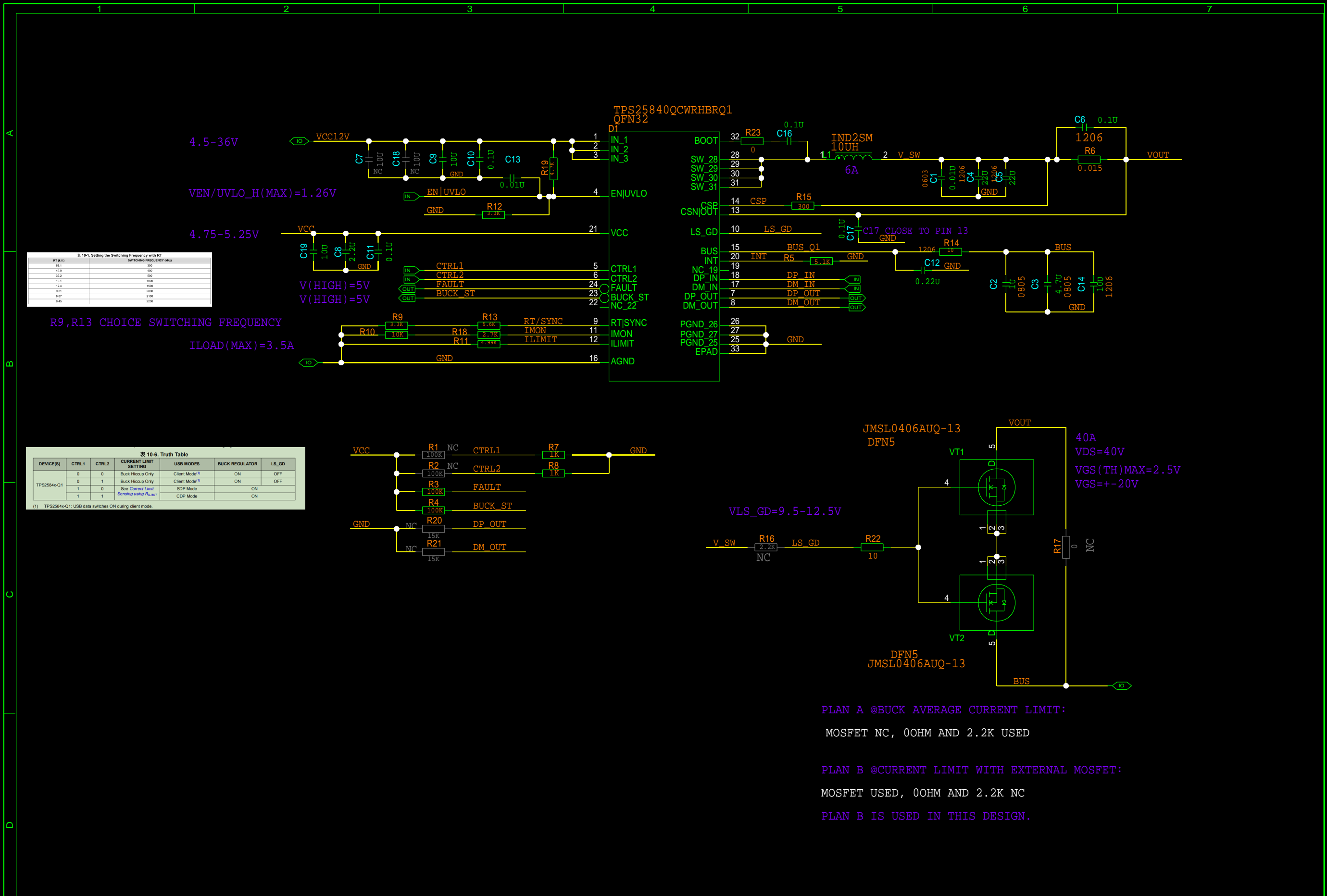


表 10-1. Setting the Switching Frequency with RT

RT (kΩ)	SWITCHING FREQUENCY (kHz)
10.1	200
49.9	400
99.2	600
191.1	1000
124	1500
9.31	2000
5.87	2100
6.45	2200

表 10-6. Truth Table

DEVICE(S)	CTRL1	CTRL2	CURRENT LIMIT SETTING	USB MODES	BUCK REGULATOR	LS_GD
TPS2584x-Q1	0	0	Buck Hiccup Only	Client Mode ⁽¹⁾	ON	OFF
	0	1	Buck Hiccup Only	Client Mode ⁽¹⁾	ON	OFF
	1	0	See Current Limit Sensing using R_{LIMIT}	SDP Mode	ON	ON
	1	1	See Current Limit Sensing using R_{LIMIT}	CDP Mode	ON	ON

(1) TPS2584x-Q1: USB data switches ON during client mode.

PLAN A @BUCK AVERAGE CURRENT LIMIT:

MOSFET NC, 0OHM AND 2.2K USED

PLAN B @CURRENT LIMIT WITH EXTERNAL MOSFET:

MOSFET USED, 0OHM AND 2.2K NC

PLAN B IS USED IN THIS DESIGN.

ZTE CORPORATION		MODEL:	SHEET OF	
DRAWN		TITLE:		
CHECKED		DRAWING NO.:	VERSION:	

SIZE:A4