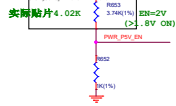


12V to 5V
Maximum Current: 7.29A (Input) / 16.62A (Output)

VP6104A3 No.32



MODE: Forced CCM
SS: 1.4ms
TSIP: Voutp=tsip*1 tsip(1 tsip=10u A)
RF: NC=5000uA
R0FF: 1u NC on VP6104A3/VP6104A4
R0FF: see Pinout on VP6104A3

Table 3. Soft-Start and MODE Settings

MODE SELECTION	ACTION	SOFT-START TIME (ms)	R _{MODE} (kΩ)
Auto-skip	Pulldown to GND	0.7	39
		1.4	100
		2.8	200
		5.6	475
		0.7	39
Forced CCM ⁽¹⁾	Connect to PGOOD	1.4	100
		2.8	200
		5.6	475

Table 2. Resistor and Switching Frequency

RESISTOR (R _{SP}) CONNECTIONS		SWITCHING FREQUENCY (kHz)
VALUE (kΩ)	CONNECT TO	
0	GND	250
187	GND	300
619	GND	400
OPEN	n/a	500
866	VREG	600
309	VREG	750
124	VREG	850
0	VREG	970

