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5.5V-100V Wide Input Voltage Range Synchronous Buck Controller

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PARAMETER	THERMAL METRIC	DFN3.5X4.5-20L	UNIT

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SYMBOL	PARAMETER	TEST CONDITION	MIN	TYP	MAX	UNIT

Soft-

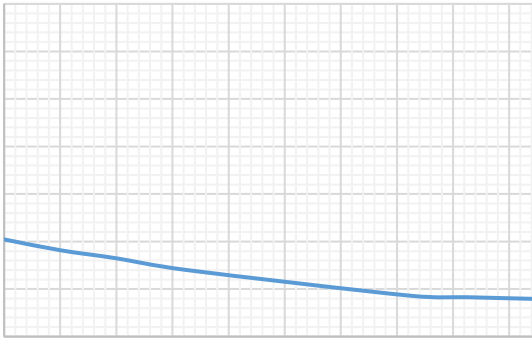
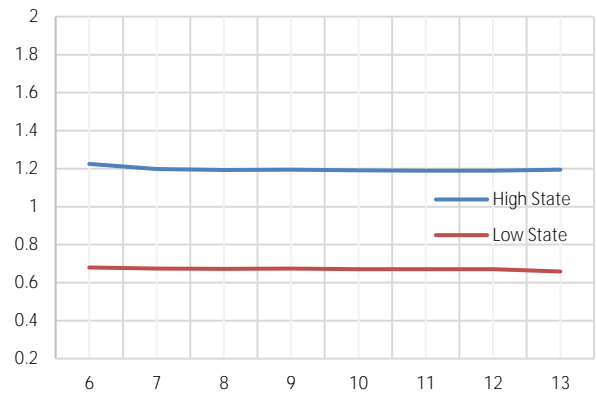
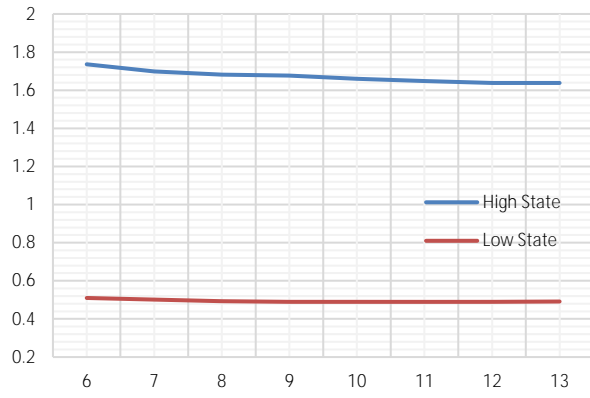
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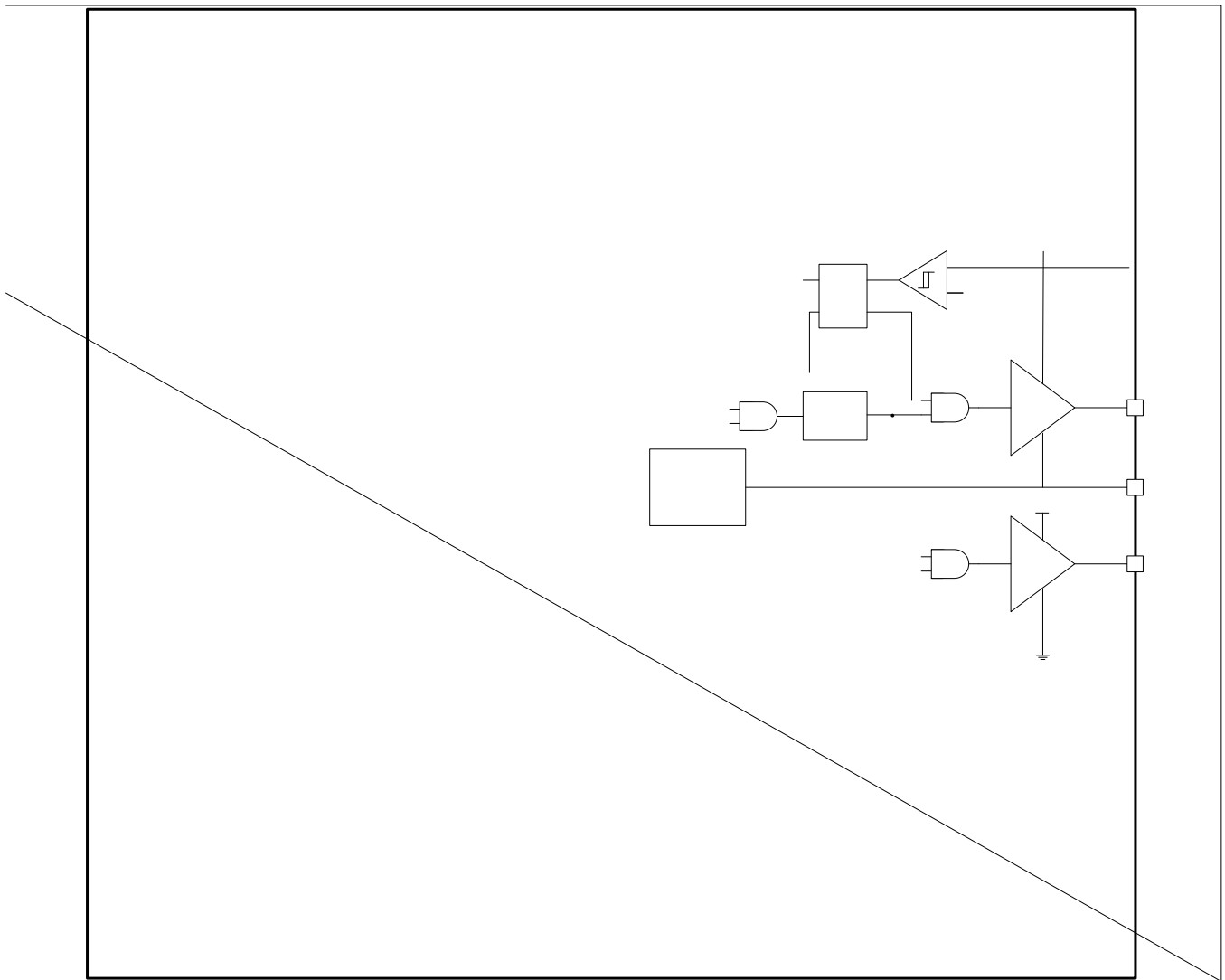




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**Voltage Mode Control**

**Gate Drivers**



**Device Functional Modes**

**Shutdown Mode**

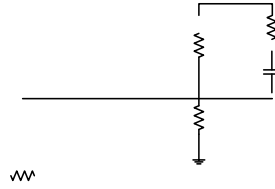
**Standby Mode**

**Active Mode**

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## Control loop compensation














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Application Waveforms(continued)

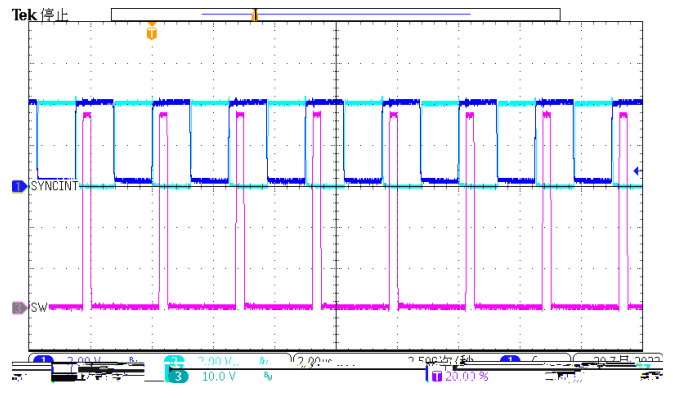
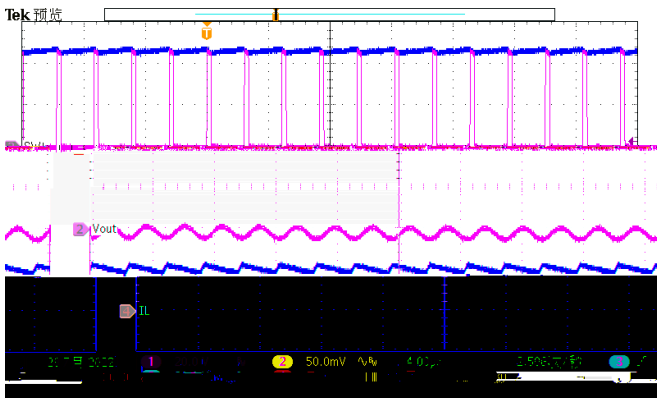
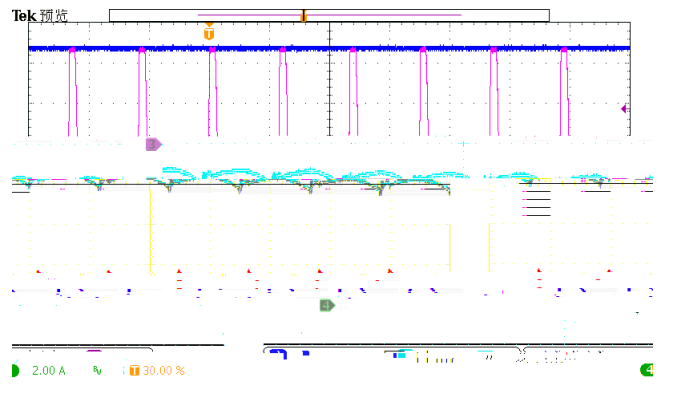
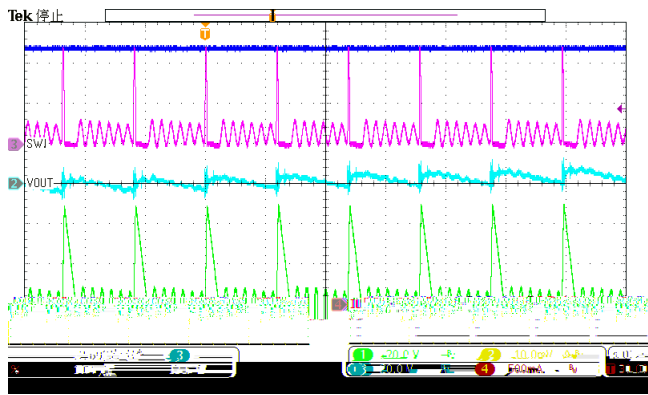
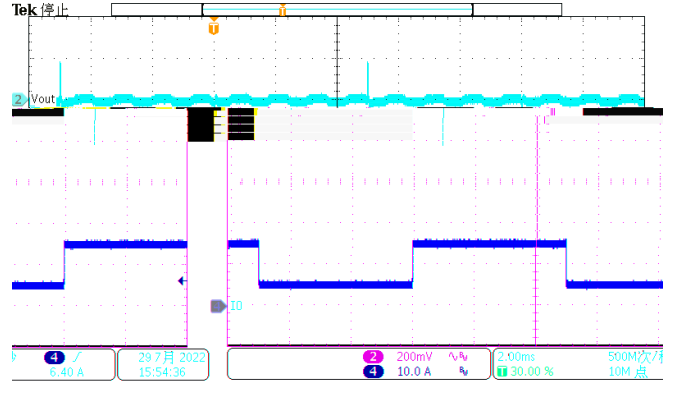
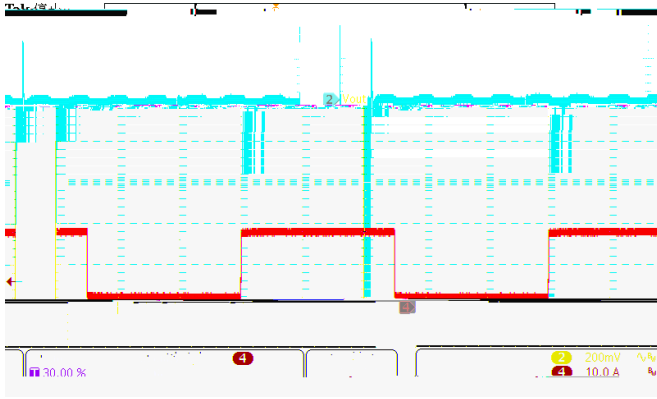


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## Application Waveforms

Application Waveforms(continued)





Layout Guideline

