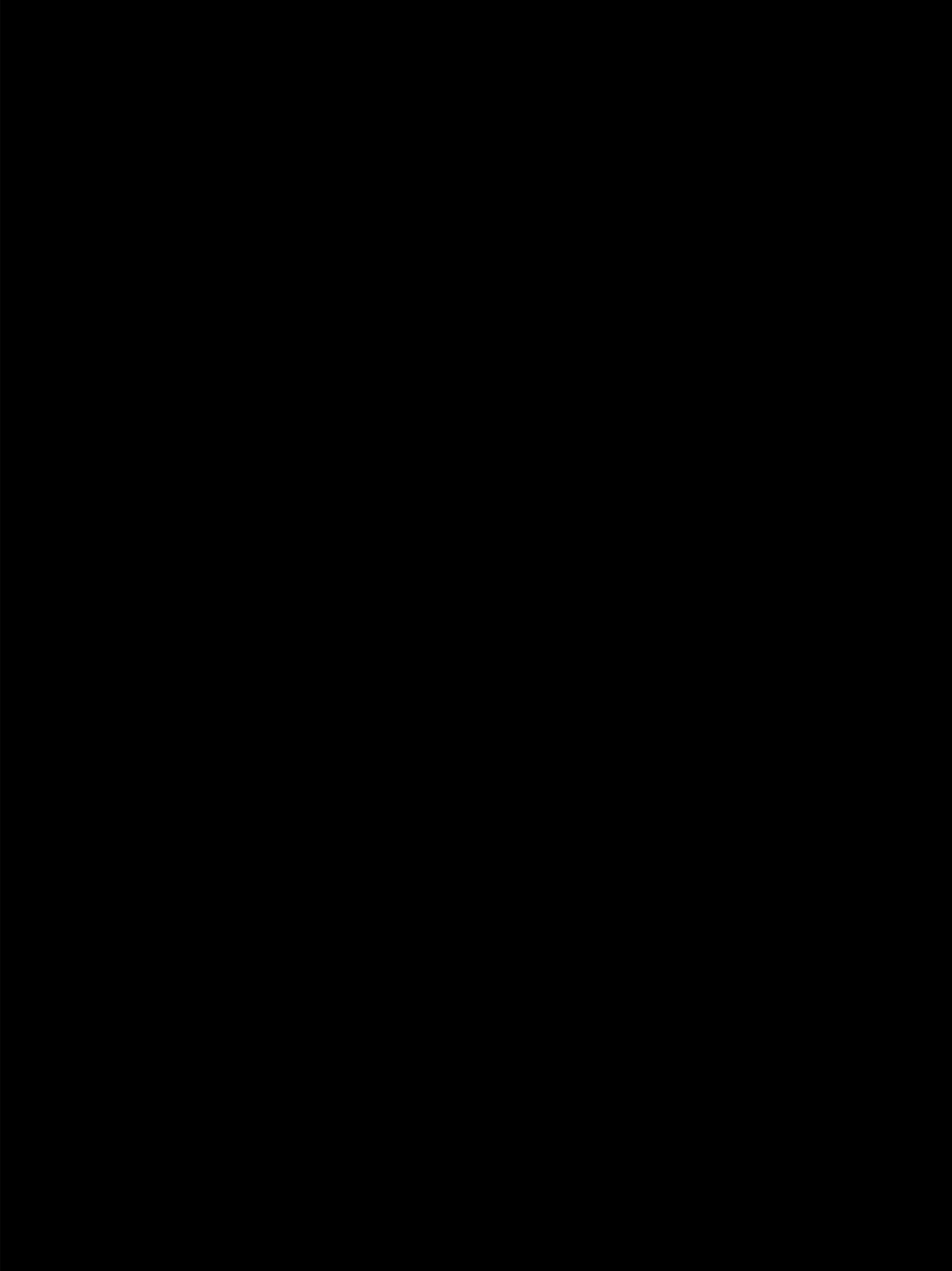
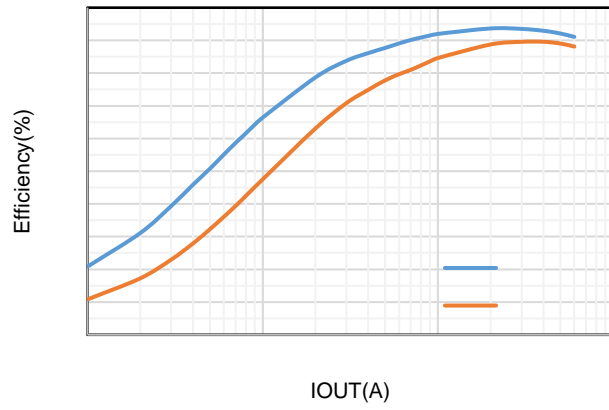


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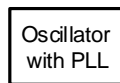


Current Limit				
Switching Frequency				
Soft Start Time				
Protection				

TYPICAL CHARACTERISTICS



FUNCTIONAL BLOCK DIAGRAM



SCT

Thermal Shutdown

◦
◦

APPLICATION INFORMATION

Typical Application

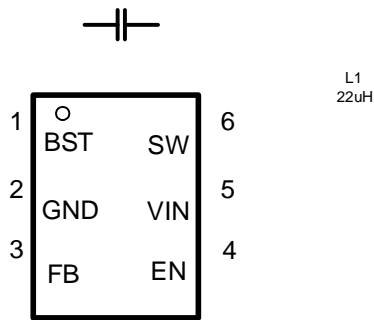


Figure 16. 24V Input, 5V/0.6A Output

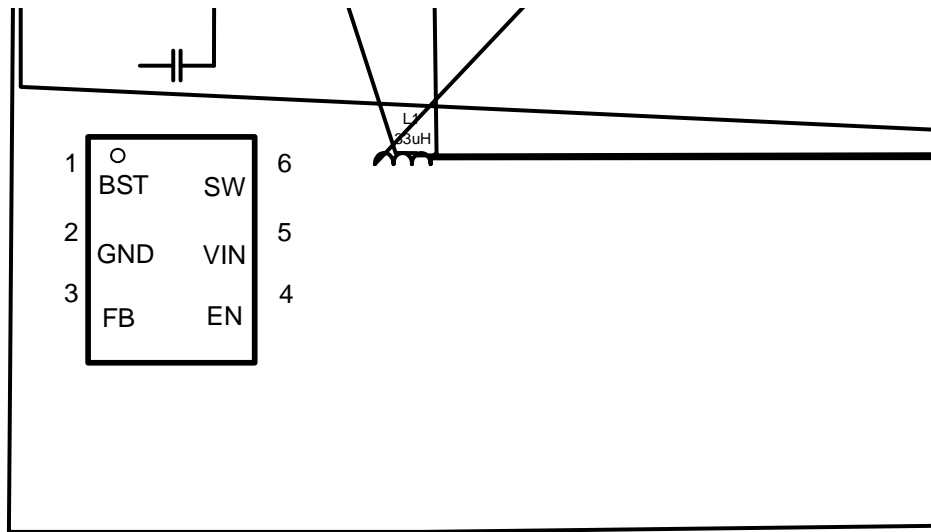


Figure 17. 24V Input, 12V/0.6A Output

Design Parameters

Design Parameters	Example Value
Input Voltage	24V
Output Current	0.6A
Switching Frequency	1.2MHz
Start Input Voltage (rising VIN)	5.5V
Stop Input Voltage (falling VIN)	5V

Output Voltage

Table 1. R₁, R₂ Value for Common Output Voltage (Room Temperature)

V_{OUT}	R₁	R₂

Bootstrap Capacitor Selection

Output Capacitor Selection

Application Waveforms

Layout Guideline

1.  OSP0
- 2.

