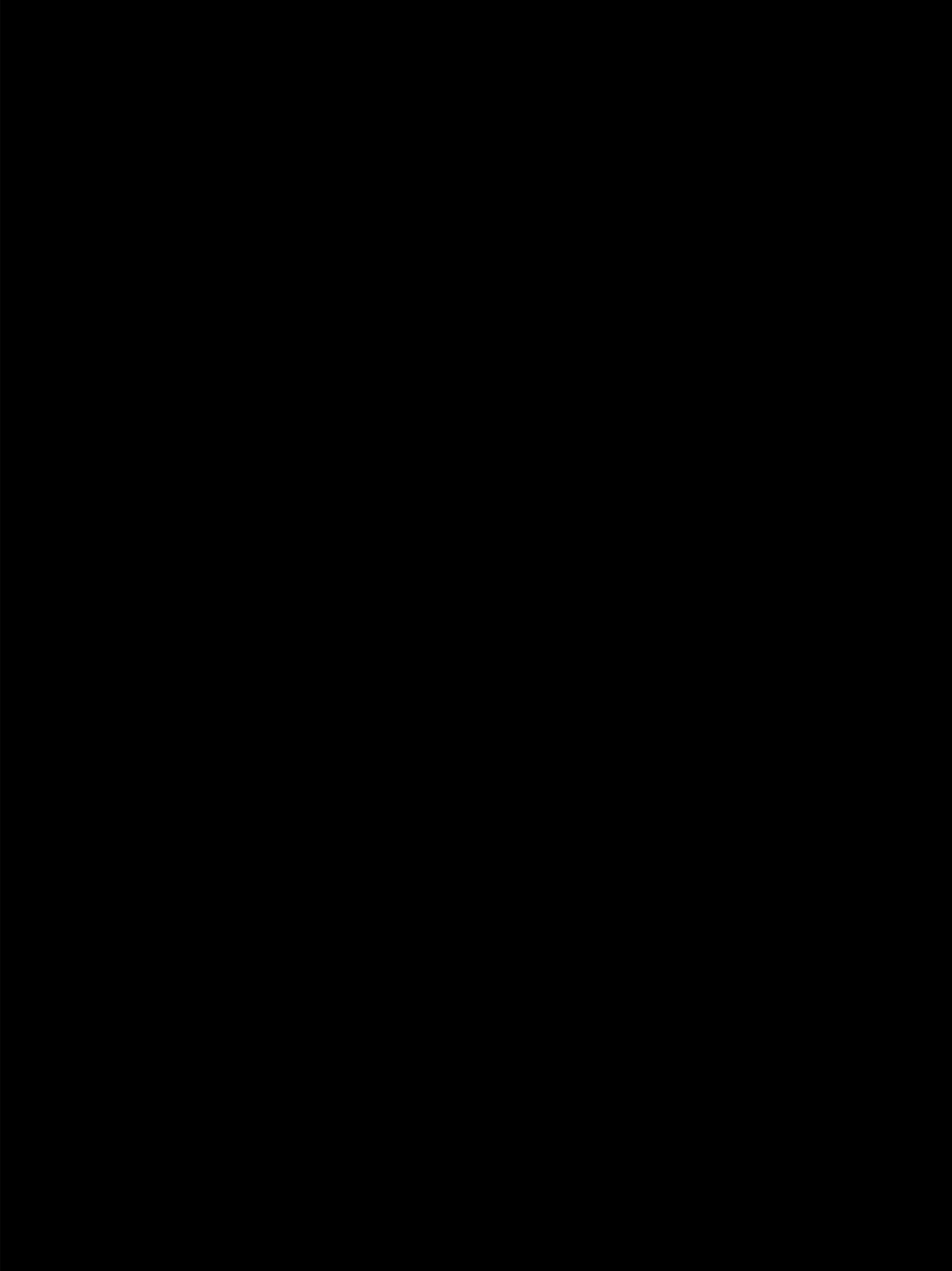
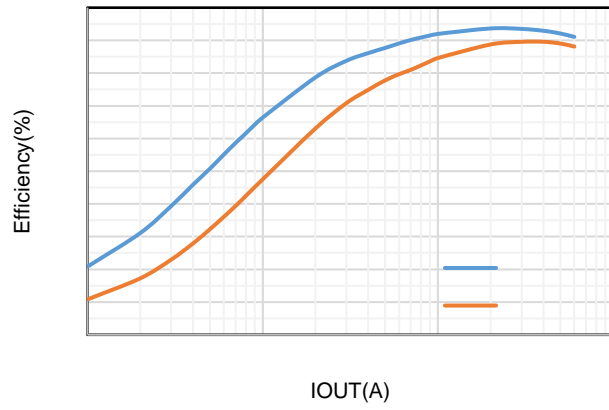


REVISION HISTORY

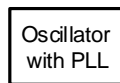


| | | | | |
|----------------------------|--|--|--|--|
| | | | | |
| Current Limit | | | | |
| | | | | |
| | | | | |
| | | | | |
| Switching Frequency | | | | |
| | | | | |
| | | | | |
| Soft Start Time | | | | |
| | | | | |
| Protection | | | | |
| | | | | |
| | | | | |
| | | | | |

TYPICAL CHARACTERISTICS



FUNCTIONAL BLOCK DIAGRAM



SCT

Thermal Shutdown

o
o

APPLICATION INFORMATION

Typical Application

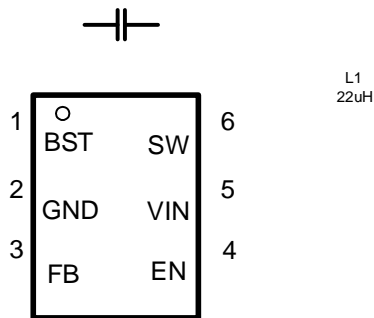


Figure 16. 24V Input, 5V/0.6A Output

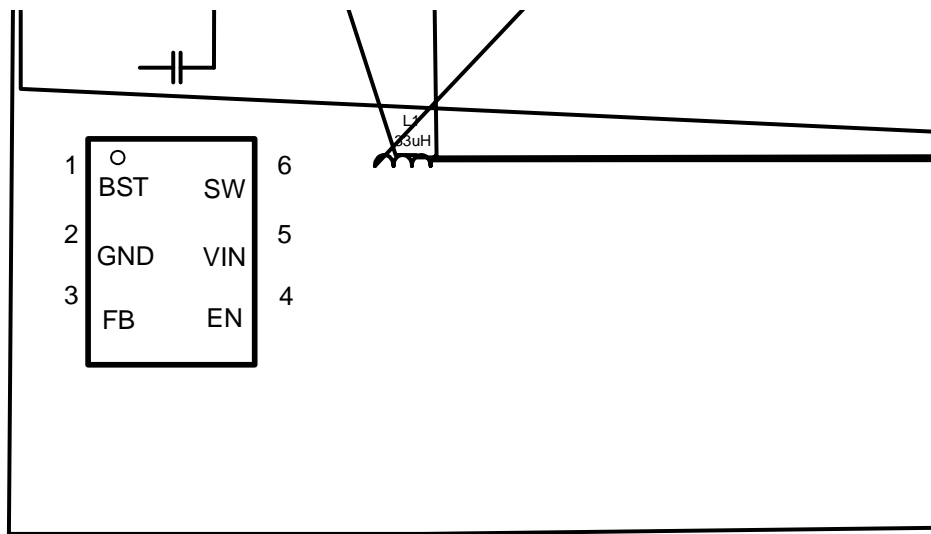


Figure 17. 24V Input, 12V/0.6A Output

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} | R ₁ | R ₂ |
|------------------|----------------|----------------|
| | | |
| | | |
| | | |

Bootstrap Capacitor Selection

Output Capacitor Selection

Application Waveforms

Layout Guideline

- 1.
- 2.

