NAME	PIN	PIN FUNCTION

PARAMETER	DEFINITION	MIN	MAX	UNIT

PARAMETER	DEFINITION	MIN	MAX	UNIT

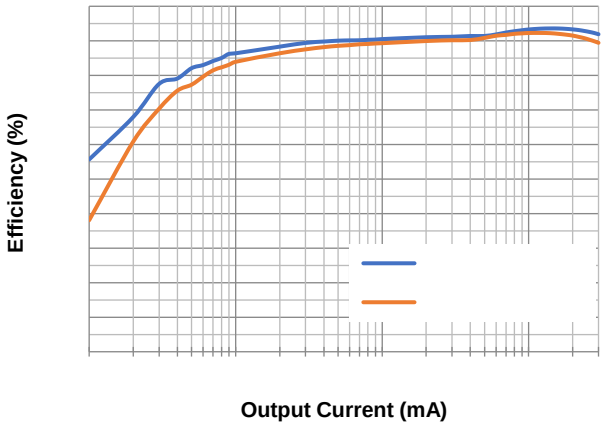


Figure 1. SCT2230 Efficiency, Vin=12V

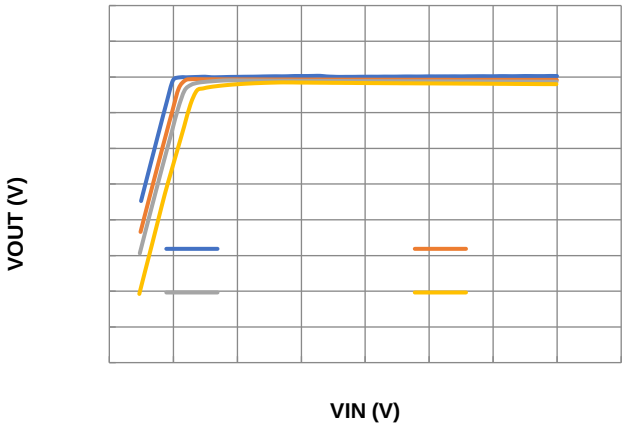


Figure 2. VOUT Vs. VIN

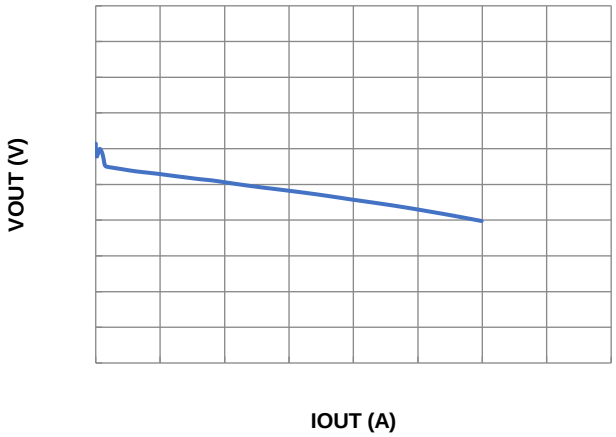


Figure 3. Load Regulation

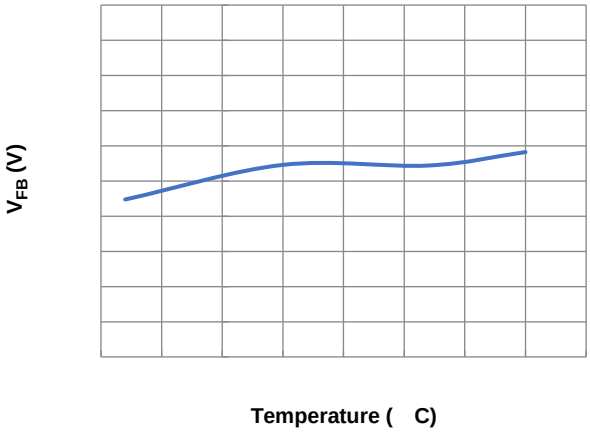


Figure 4. FB Voltage Vs. Temperature

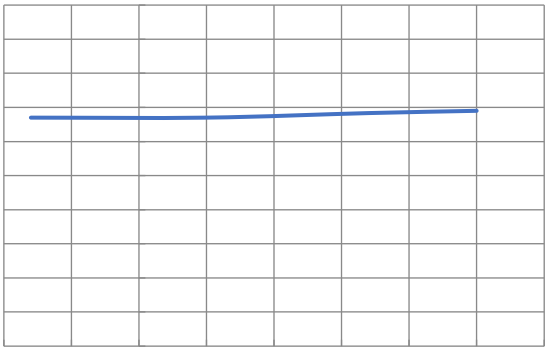
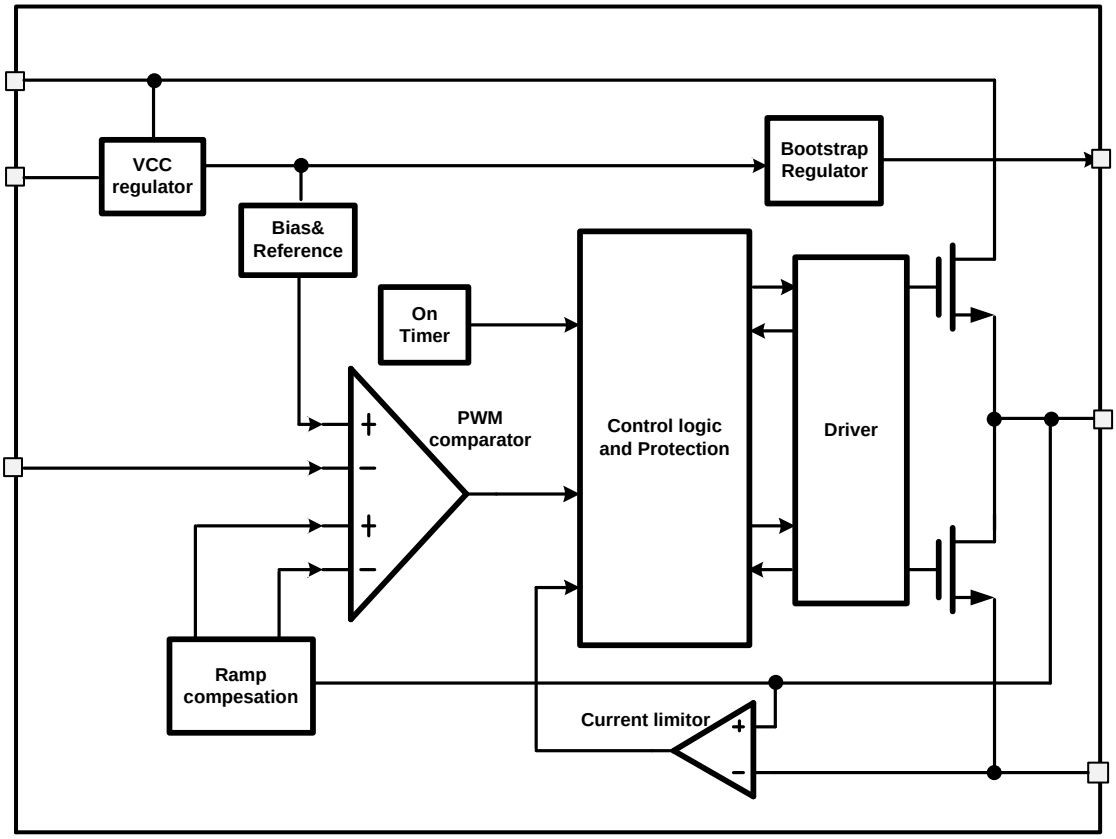


Figure 5. UVLO Vs. Temperature

Figure 6. Quiescent Current Vs. Temperature


VCC
regulator
Bias&
Reference
Bootstrap
Regulator
On
Timer
PWM
comparator
Control logic
and Protection
Driver
Ramp
compesation
Current limitor

Adaptive On-time Control

Under Voltage Lockout UVLO

Enable and Start up

Over Current Protection (OCP) and Hiccup Mode

Bootstrap Voltage Regulator

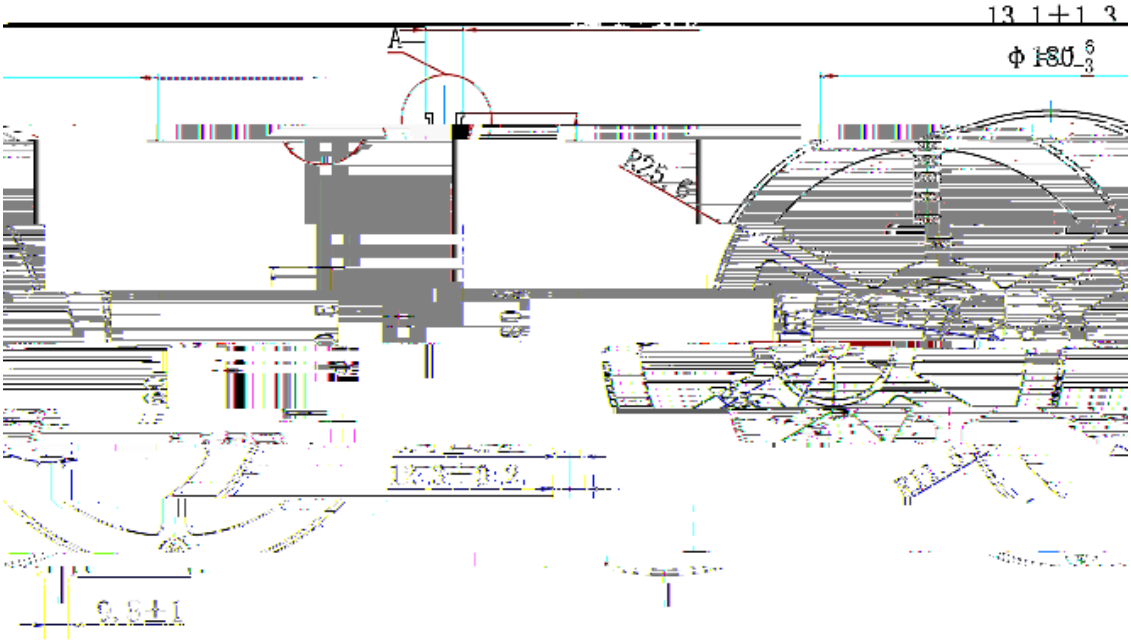
Inductor Selection

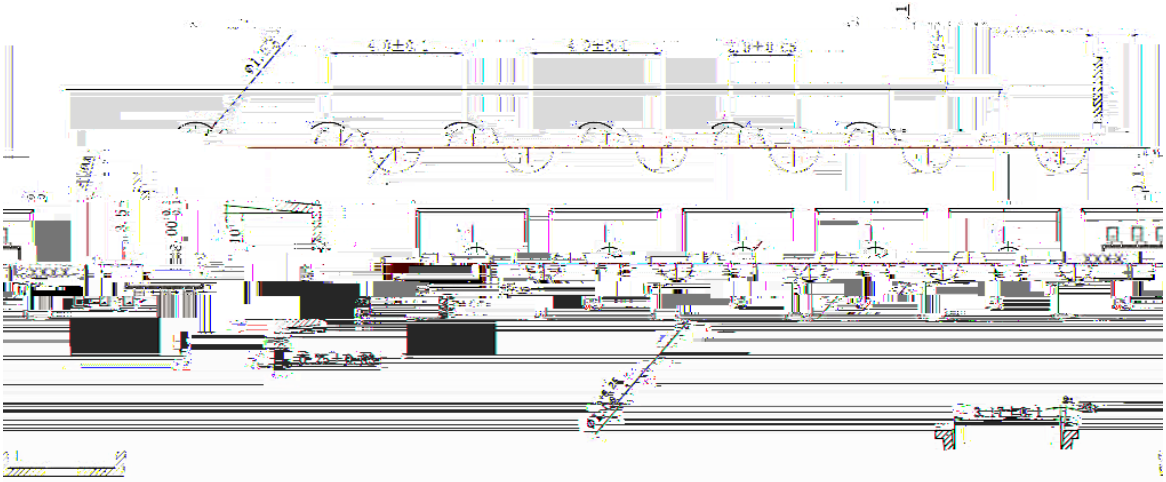
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Application Waveforms

Figure

Layout Guideline





Feeding Direction