





PIN FUNCTION

DN	MIN	MAX	UNIT

DN	MIN	MAX	UNIT



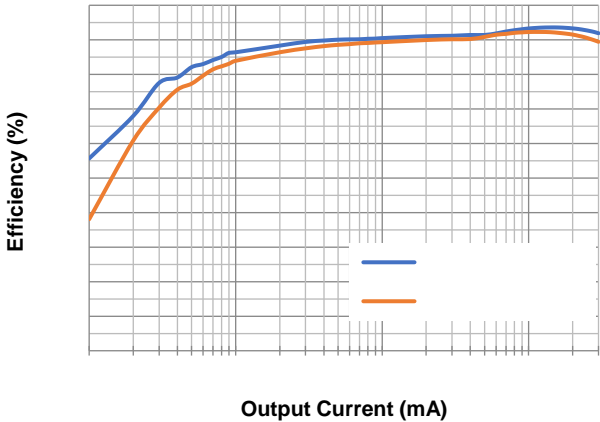


Figure 1. SCT2230 Efficiency, Vin=12V

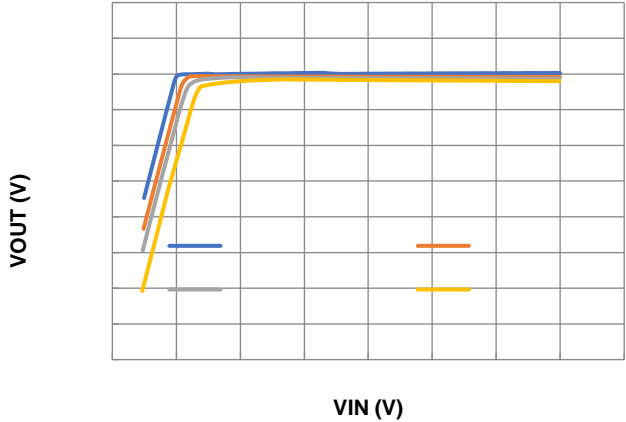


Figure 2. VOUT Vs. VIN

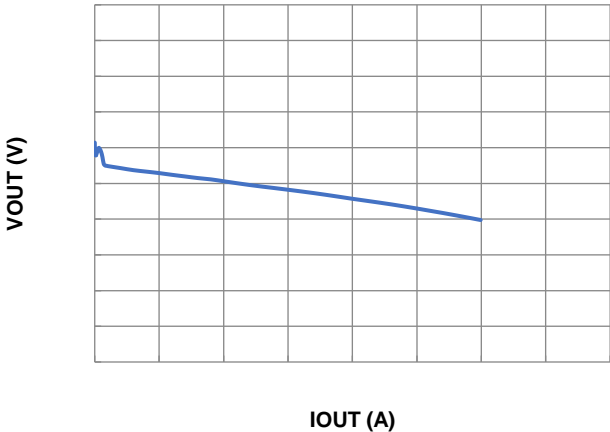


Figure 3. Load Regulation

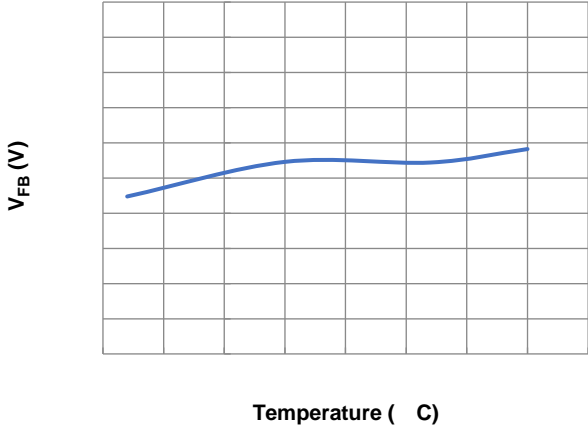


Figure 4. FB Voltage Vs. Temperature

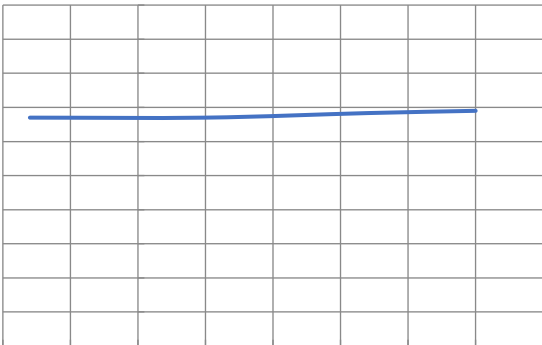
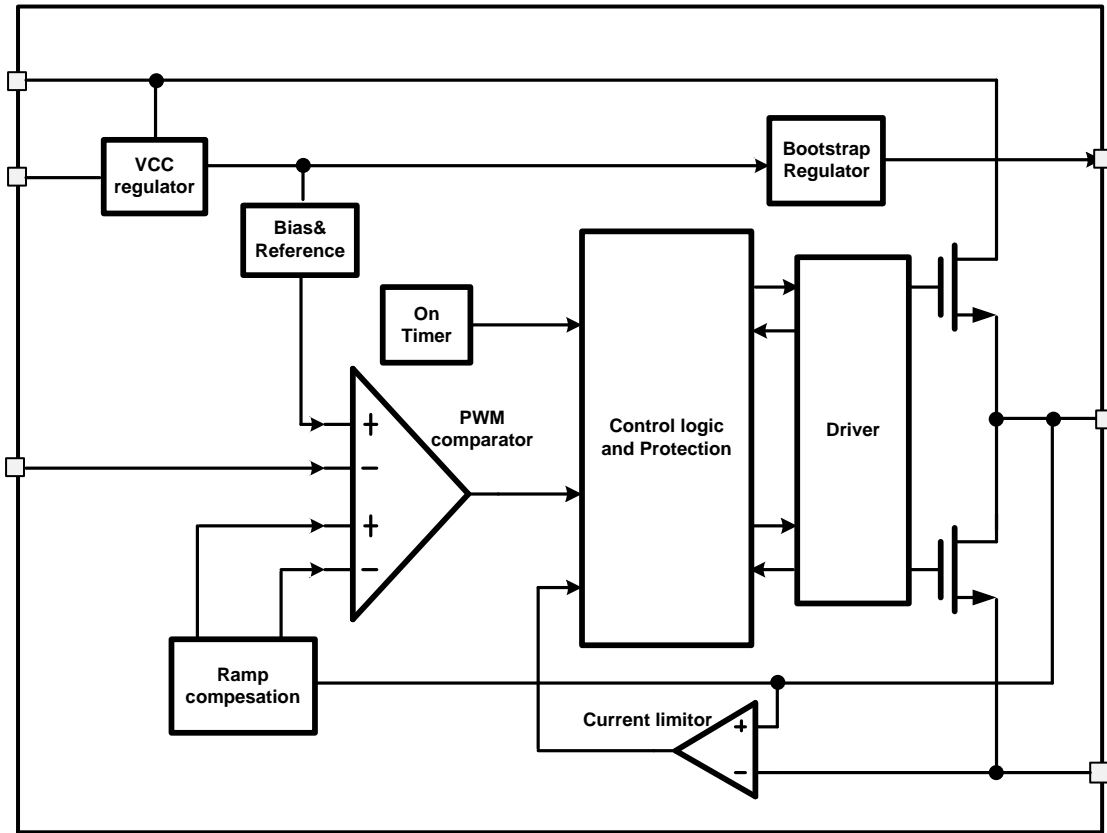


Figure 5. UVLO Vs. Temperature

Figure 6. Quiescent Current Vs. Temperature



**Adaptive On-time Control**

# SCT2230

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Under Voltage Lockout UVLO

Enable and Start up

**Over Current Protection (OCP) and Hiccup Mode**

**Bootstrap Voltage Regulator**



Inductor Selection

$$= \frac{\times ( \quad - \quad )}{\times \quad \times \quad \times}$$

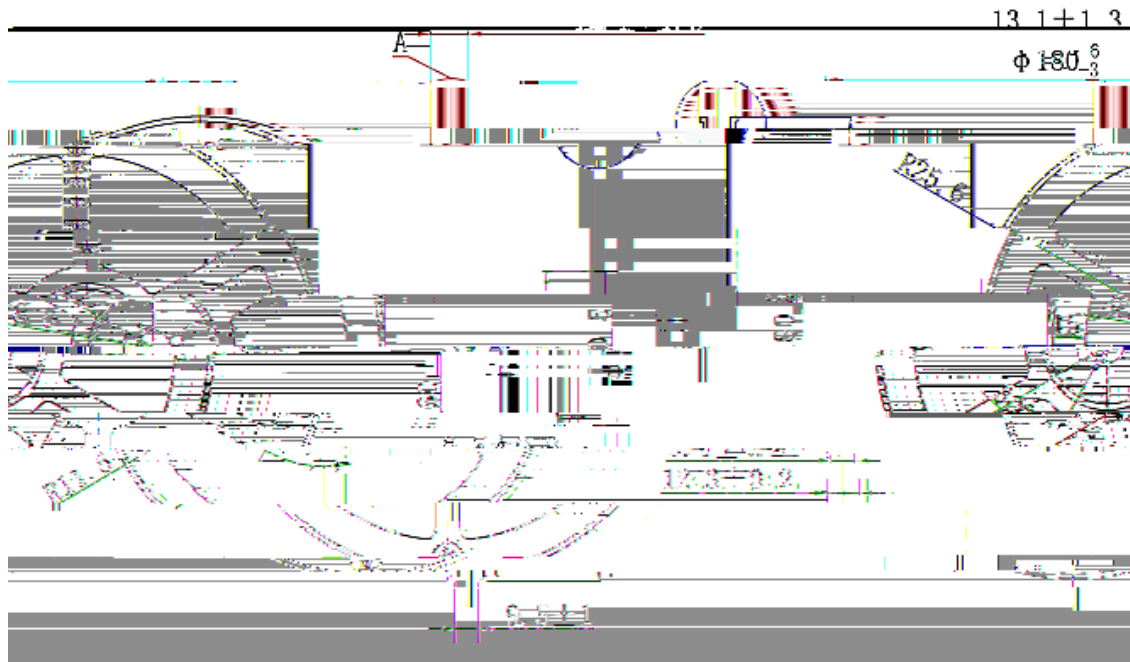


Application Waveforms

Figure

## Layout Guideline





Feeding Direction

