

ESMT

Elite Semiconductor Microelectronics Technology Inc.

晶豪科技股份有限公司

ESMT

Audio/Power Product BU

音訊/電源產品事業處

www.esmt.com.tw

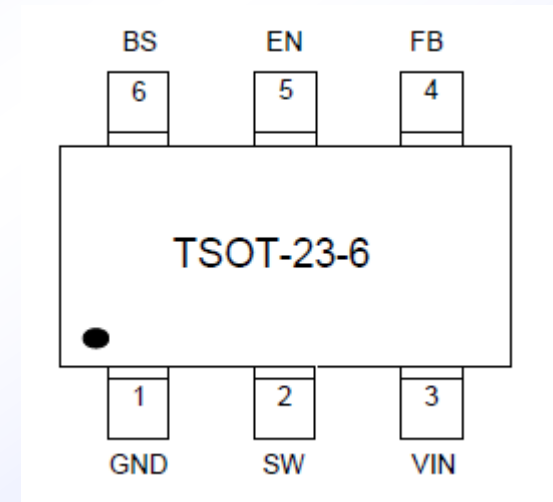
Power Products Information —
2022.Q3



EML3470 3A, Synchronous Step-Down Converter

Package Outline

EML3470



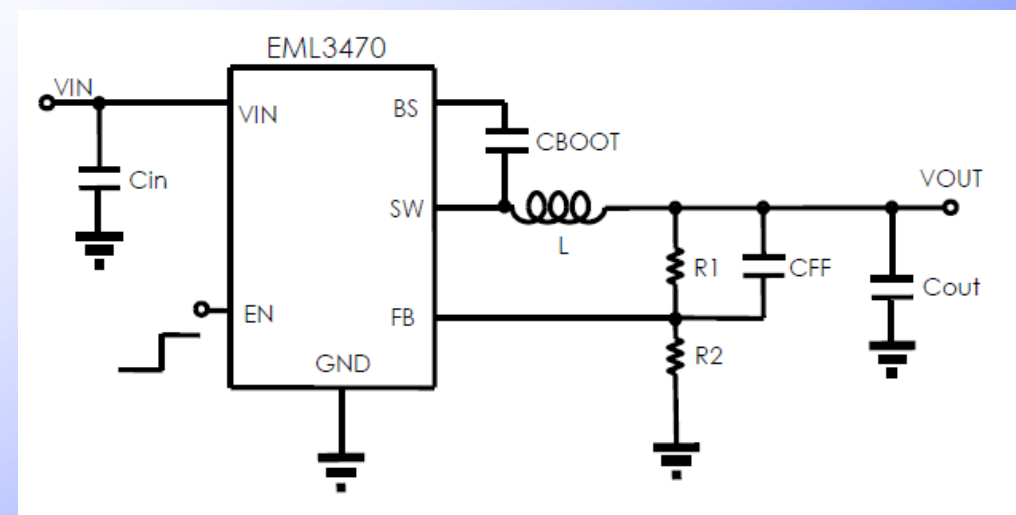
Features

- Output Current to 3A
- Input Voltage : 4.5V to 17V
- 100mΩ/ 55mΩ Internal Power MOSFET Switch
- Output Adjustable from 0.77V
- Cycle-by-Cycle Current Limit , OTP , Output OVP
- Switching Frequency 600KHz
- 1ms internal Soft-Start
- Constant ON Time (COT) operation
- Short circuit protection with hiccup mode
- Stable with Low ESR Output Ceramic Capacitors
- TSOT-23-6 Package

Typical Application

Applications

- Set Top Box
- AP Router
- LCD TV
- Wireless networking
- AI Speaker





Power Your Life!!

ESMT

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