

SIP Series

RoHS



产品主要特性 General Characteristics

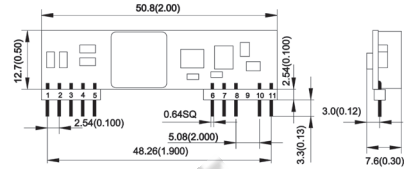
- 输出电流最高 40A
- 效率高达 94%
- 输出电压通过精密电阻任意调节
- 工作温度: -40~+85°C
- 带有输入遥控功能
- 输出短路保护, 间歇式自恢复
- Output Current up to 40A
- High Efficiency 94%
- Output Voltage Programmable Via External Resistor
- Operating Temperature: -40~+85°C
- Remote on/off control-negative or positive logic
- Output Short-circuit Protection, Self recovery

产品选型表 Model Selection Guide

型号 Product Model	输入电压范围 (标称值) Input Voltage Range (Typical)	输出电压 Output Voltage (Vdc)	输出电流 Output Current (A)	典型效率 Efficiency (%)
SIP0506			6	93(3.3V)
SIP0510			10	93(3.3V)
SIP0516	3~5.5Vdc	0.75~3.3V	16	94(3.3V)
SIP0520			20	93(3.3V)
SIP1206			6	89(3.3V)
SIP1210	10~14Vdc	0.75~5V	10	90(3.3V)
SIP1216			16	91(3.3V)
SIP1220			20	93(3.3V)
SIP0530	2.95~5.5V	0.8~3.6V	30	94
SIP1240	9.6~14V	1.0~3.3V	40	92

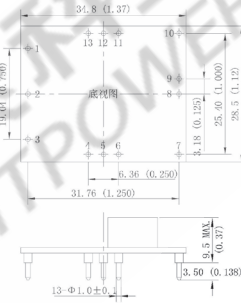
封装尺寸和管脚定义图 Outline Diagram And Pin Out

6~20A



定义 Pin Out	单路 Single Output
1	Vo
2	Vo
3	Sense
4	Vo
5	GND
6	GND
7	Vin
8	Vin
9	NP
10	TRIM
11	CNT

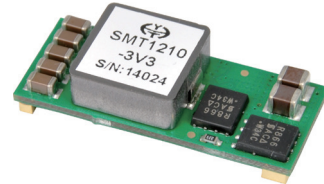
30A、40A



定义 Pin Out	单路 Single Output
1,3,7,10	GND
2	+Vin
4	Margin Up
5	Margin Down
6	Track
8,9	Vo
11	Sense
12	TRIM
13	CNT

SMT Series

RoHS



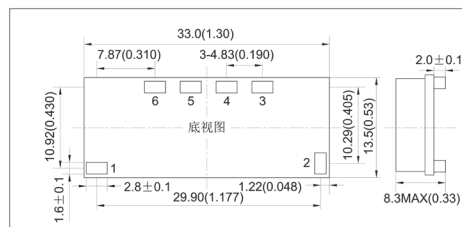
产品主要特性 General Characteristics

- 输出电流最高 16A
- 效率高达 97%
- 输出电压通过精密电阻任意调节
- 工作温度: -40~+85°C
- 带有输入遥控功能
- 输出短路保护, 间歇式自恢复
- Output Current up to 16A
- High Efficiency 97%
- Output Voltage Programmable Via External Resistor
- Operating Temperature: -40~+85°C
- Remote on/off control-negative or positive logic
- Output Short-circuit Protection, Self recovery

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SMT0506			6	97(3.3V)
SMT0510	3~5.5Vdc	0.75~3.3V	10	96(3.3V)
SMT0516			16	93(3.3V)
SMT1206			6	92(3.3V)
SMT1210	10~14Vdc	0.75~5V	10	90(3.3V)
SMT1216			16	90(3.3V)

封装尺寸和管脚定义图 Outline Diagram And Pin Out



定义 Pin Out	单路 Single Output
1	Vin
2	CNT
3	Sense
4	TRIM
5	Vo
6	GND