

SSIP Series

DC-DC CONVERTER



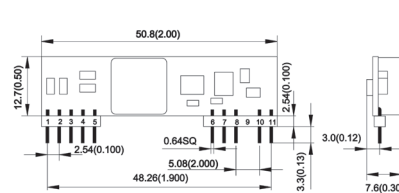
General Characteristics

- 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

RoHS

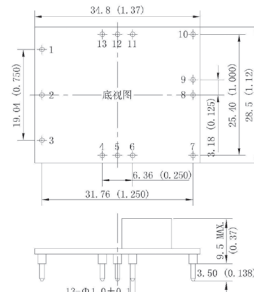
Outline Diagram And Pin Out

6~20A



Pin Out	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



Pin Out	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

Model Selection Guide

Product Model	Input Voltage Range (Typical)	Output Voltage (Vdc)	Output Current (A)	Efficiency (%)
SSIP0506	3~5.5Vdc	0.75~3.3V	6	93(3.3V)
SSIP0510			10	93(3.3V)
SSIP0516			16	94(3.3V)
SIP0520			20	93(3.3V)
SSIP1206	10~14Vdc	0.75~5V	6	89(3.3V)
SSIP1210			10	90(3.3V)
SSIP1216			16	91(3.3V)
SSIP1220			20	93(3.3V)
SSIP0530	2.95~5.5V	0.8~3.6V	30	94
SSIP1240	9.6~14V	1.0~3.3V	40	92

DC/DC