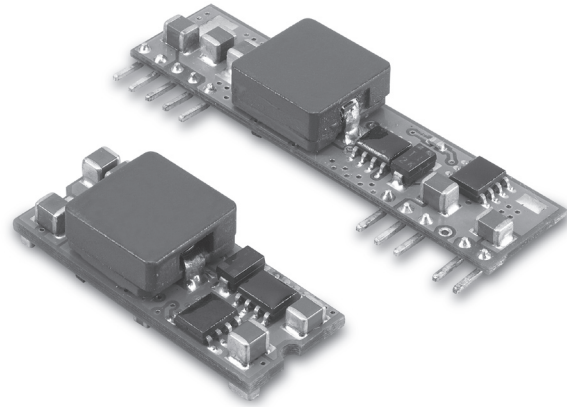


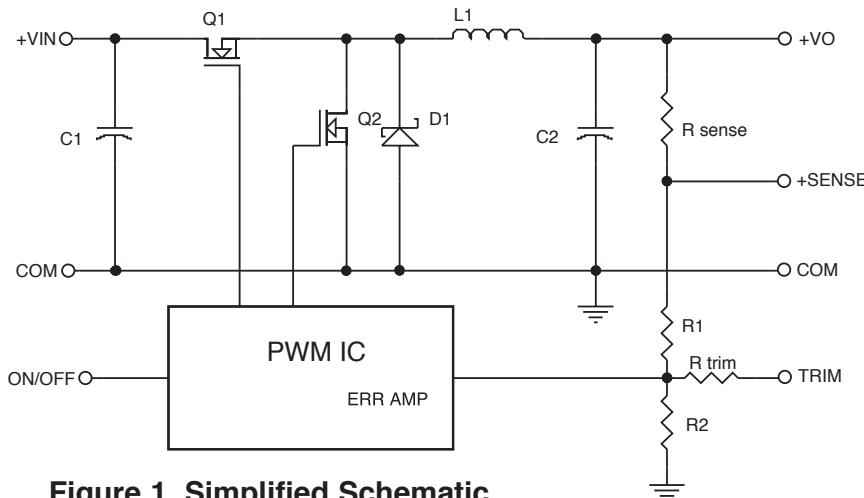
**Description:**

- Industry Standard Pin out
- High Efficiency to 95%
- 300KHz Switching Frequency
- 9.0 -14VDC Input Range
- Over Temperature Protection
- Continuous Short Circuit Protection
- Remote ON/OFF
- Cost Efficient Open Frame Design
- UL/C-UL60950 Certified



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	INPUT CURRENT NO LOAD	INPUT CURRENT FULL LOAD	%EFF
SIP10-12S10 SMT10-12S10	9.0 -14 VDC	1.0VDC	10 A	50mA	992mA	84
SIP10-12S12 SMT10-12S12	9.0 -14 VDC	1.2VDC	10 A	50mA	1163mA	86
SIP10-12S15 SMT10-12S15	9.0 -14 VDC	1.5VDC	10 A	50mA	1404mA	89
SIP10-12S18 SMT10-12S18	9.0 -14 VDC	1.8VDC	10 A	60mA	1666mA	90
SIP10-12S20 SMT10-12S20	9.0 -14 VDC	2.0VDC	10 A	60mA	1832mA	91
SIP10-12S25 SMT10-12S25	9.0 -14 VDC	2.5VDC	10 A	60mA	2264mA	92
SIP10-12S33 SMT10-12S33	9.0 -14 VDC	3.3VDC	10 A	70mA	2956mA	93
SIP10-12S05 SMT10-12S05	9.0 -14 VDC	5.0VDC	10 A	70mA	4385mA	95
SIP10-12S05A SMT10-12S05A	8.3 -14 VDC	0.75-5VDC	10 A	70mA	2956mA	93%@3.3V

NOTE : 1. Nominal Input Voltage 12VDC



**Figure 1. Simplified Schematic**

Vo,set (V)	Rtrim (KΩ)
0.75	Open
1.2	22.33
1.5	13.0
1.8	9.0
2.0	7.4
2.5	5.0
3.3	3.12
5.0	1.47

**Table 1. Suffix "A" to the model number External Resistor Values for programming output voltage**

