



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



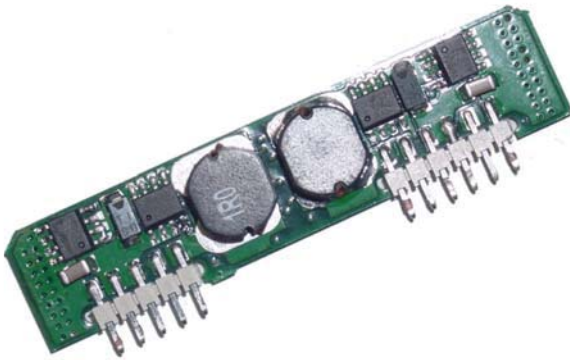
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



**SLD10 Series – 10A Non-Isolated DC/DC Converter**  
**5V, 3.3V Input**  
**Dual Output**

**Features**

- Two independently regulated outputs
- Efficiency in excess of 90%
- 10A of combined output current at 65°C and 200LFM
- Flexible output load distribution
- Output overcurrent protection
- Remote ON/OFF
- Output voltage trim adjust for each output
- Straight and right angle pins configurations

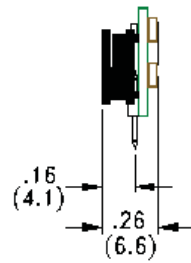
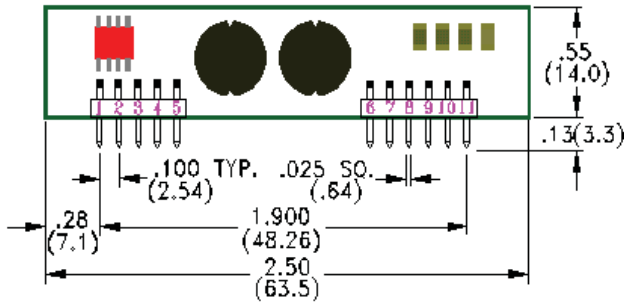
**Description**

The **SLD10** series of DC/Dc converters provide two independently regulated low-voltage outputs from a single 3.3V or 5V input. Each output can provide up to 6A of output current and has an independent feedback loop and an independent trim function. These non-isolated point-of-load converters are through hole mounted. High efficiency, low space requirements, and flexible loading characteristics make these converters ideal multivoltage sources for powering ASICs.

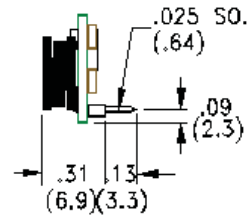
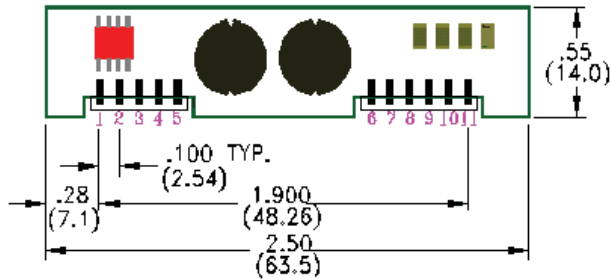
3.3V Input					5 V Input				
3.3V input Model	Input voltage range, VDC	Vout1, VDC	Vout2, VDC	Eff. %	5V input Model	Input voltage range, VDC	Vout1, VDC	Vout2, VDC	Eff. %
SLD10UDD	3.0-3.6	2.5	2.5	92	SLD10VEE	4.5-5.5	3.3	3.3	93
SLD10UDC	3.0-3.6	2.5	2.0	92	SLD10VED	4.5-5.5	3.3	2.5	93
SLD10UDB	3.0-3.6	2.5	1.8	92	SLD10VEC	4.5-5.5	3.3	2.0	92
SLD10UDA	3.0-3.6	2.5	1.5	90	SLD10VEB	4.5-5.5	3.3	1.8	92
SLD10UDY	3.0-3.6	2.5	1.2	89	SLD10VEA	4.5-5.5	3.3	1.5	91
SLD10UCC	3.0-3.6	2.0	2.0	91	SLD10VEY	4.5-5.5	3.3	1.2	91
SLD10UCB	3.0-3.6	2.0	1.8	90	SLD10VDD	4.5-5.5	2.5	2.5	92
SLD10UCA	3.0-3.6	2.0	1.5	89	SLD10VDC	4.5-5.5	2.5	2.0	91
SLD10UCY	3.0-3.6	2.0	1.2	88	SLD10VDB	4.5-5.5	2.5	1.8	91
SLD10UBB	3.0-3.6	1.8	1.8	89	SLD10VDA	4.5-5.5	2.5	1.5	90
SLD10UBA	3.0-3.6	1.8	1.5	88	SLD10VDY	4.5-5.5	2.5	1.2	89
SLD10UBY	3.0-3.6	1.8	1.2	87	SLD10VCC	4.5-5.5	2.0	2.0	90
SLD10UAA	3.0-3.6	1.5	1.5	87	SLD10VCB	4.5-5.5	2.0	1.8	90
SLD10UAY	3.0-3.6	1.5	1.2	86	SLD10VCA	4.5-5.5	2.0	1.5	89
SLD10UYY	3.0-3.6	1.2	1.2	85	SLD10VCY	4.5-5.5	2.0	1.2	88
<i>Both outputs of the SLD10U and SLD10V can be loaded up to six (6) amps each.</i>  <i>Note: The maximum combined output is ten (10) amps.</i>					SLD10VBB	4.5-5.5	1.8	1.8	89
					SLD10VBA	4.5-5.5	1.8	1.5	88
					SLD10VBY	4.5-5.5	1.8	1.2	87
					SLD10VAA	4.5-5.5	1.5	1.5	87
					SLD10VAY	4.5-5.5	1.5	1.2	86
					SLD10VYY	4.5-5.5	1.2	1.2	85

**SLD10 Series – 10A Non-Isolated DC/DC Converter**  
**5V, 3.3V Input**  
**Dual Output**

**Mechanical Drawing – Dimensions shown in inches (millimeters)**



Pin	Function
1	Vin
2	GND
3	GND
4	Trim2
5	Vout2
6	Vout1
7	Trim1
8	GND
9	GND
10	ON/OFF
11	Vin



Tolerances:

.xx = ± 0.020" (0.5mm)

.xxx = ± 0.010" (0.25mm)

**Ordering Information**

Options	Suffixes to add to part number
Pin Configuration	Straight (top drawing) - Standard, no suffix required
	Right Angle (bottom drawing) - Add "R" suffix

**Notes**

1. Consult factory for the complete list of available options.
2. Power-One products are not authorized for use as critical components in life support systems, equipment used in hazardous environments, or nuclear control systems without the express written consent of the President of Power-One, Inc.
3. Specifications are subject to change without notice.