



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



# Data Sheet

## Programmable DC Power Supplies Models 1785B, 1786B, 1787B & 1788

### Programmable DC Power Supplies

Models 1785B, 1786B, 1787B & 1788 are Programmable DC Power Supplies that offer new levels of "ease of use" and programmable functionality. Direct key in entry makes voltage and current selection fast, accurate and easy. In case calibration allows for simple, cost savings, uninterrupted operation.



Model 1788

### Common Features:

- Sixteen user programmable preset outputs
- Controllable Output On/Off Switch
- 10 mV/10 mA settable resolution
- Closed case calibration
- Low ripple and noise
- Excellent temperature stability
- Serial interface cable and software included

Specifications	1785B	1786B	1787B	1788
<b>Parameter</b>				
<b>Output Ratings, ( 0 °C - 40 °C)</b>				
Voltage	0 ~18 V	0 ~32 V	0 ~72 V	0 ~32 V
Current	0 ~5 A	0 ~3 A	0~1.5 A	0~6 A
<b>Load Regulation, ±(% of output +offset)</b>				
Voltage	<0.01% + 3 mV , Model 1788 = <0.02% + 5 mV			
Current	<0.1% + 3 mA			
<b>Line Regulation, ±(% of output +offset)</b>				
Voltage	<0.1% + 3 mV			
Current	<0.1% + 2 mA			
<b>Ripple, (20 Hz ~20 MHz)</b>				
Voltage	≤1 mVrms/3 mVpp			
Current	5 mArms			
AC Input	115 V/220 VAC ± 10%, 47 to 63 Hz			
Dimensions (WxHxD)	10" x 4.16" x 15" (255.7 mm x 105.7 mm x 382.7 mm)			
Weight	14 lbs (6.4 kg)	16.5 lbs (7.5 kg)		
<b>One-Year Warranty</b>				
Included Accessories	User manual, software Installation disk, test report, power line cord, USB to TTL serial converter IT-E132B			