



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!



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Cooper Electronic Technologies has developed a series of PowerStor design kits for engineers to experiment with and use to determine the right supercapacitor for their applications.

PS-5903: High Power Design Kit for Pulse and Bridge Power Applications

- The PS-5903 kit includes all of PowerStor's 2.5V A Series supercapacitors from 0.47 to 4.7F and the 5.0V PA Series supercapacitors from 0.22 to 0.47F.

PS-5904: High Energy Design Kit for Bridge Power and Memory Backup Applications

- The PS-5904 kit includes the lower value 2.5V B Series supercapacitors from 0.22 to 3.3F and the 5.0V PB Series supercapacitors from 0.1 to 1.0F.

PS-5905: High Energy Design Kit for Bridge, Pulse and Main Power Applications

- The PS-5905 kit includes the mid range 2.5V B Series supercapacitors from 3.3 to 10F.

PS-5906: High Energy Design Kit for Main, Bridge and Pulse Power Applications

- The PS-5906 kit includes the higher value 2.5V B Series supercapacitors from 22 to 50F.



PowerStor's Design Kits are available from any of our distributors. For a list of distributors please visit www.cooperet.com/distributors.asp.

| Part Number | Capacitance (F) | ESR (Ohms) | PS-5903 High Power A Series 0.22 to 4.7F (Units) | PS-5904 High Energy B Series 0.10 to 3.3F Devices (Units) | PS-5905 High Energy B Series 3.3 to 10F Devices (Units) | PS-5906 High Energy B Series 22 to 50F Devices (Units) |
|-------------------|-----------------|------------|--|---|---|--|
| A0820-2R5474 | 0.47 | 0.125 | 4 | | | |
| A1020-2R5105 | 1 | 0.070 | 4 | | | |
| A1030-2R5155 | 1.5 | 0.050 | 4 | | | |
| A1635-2R5475 | 4.7 | 0.025 | 4 | | | |
| B0510-2R5224 | 0.22 | 3.0 | | 6 | | |
| B0810-2R5105 | 1 | 0.400 | | 6 | | |
| B1010-2R5155 | 1.5 | 0.300 | | 6 | | |
| B0820-2R5225 | 2.2 | 0.200 | | 4 | | |
| B1020-2R5335 | 3.3 | 0.150 | | 4 | 6 | |
| B0830-2R5475 | 4.7 | 0.150 | | | 6 | |
| B1030-2R5685 | 6.8 | 0.100 | | | 6 | |
| B1325-2R5106 | 10 | 0.060 | | | 6 | |
| B1635-2R5226 | 22 | 0.040 | | | | 2 |
| B1835-2R5336 | 33 | 0.030 | | | | 2 |
| B1840-2R5506 | 50 | 0.025 | | | | 2 |
| PA-5R0V224* | 0.22 | 0.200 | 4 | | | |
| PA-5R0V474* | 0.47 | 0.150 | 4 | | | |
| PB-5R0V104* | 0.1 | 6.000 | | 4 | | |
| PB-5R0V474* | 0.47 | 1.000 | | 4 | | |
| PB-5R0V105* | 1 | 0.500 | | 4 | | |
| # OF PARTS | | | 24 | 38 | 24 | 6 |

* Note: Bend vertical lead 90 degrees if horizontal supercapacitor required

