

R-78B-2.0



The R-78Bxx-2.0 series high efficiency switching regulators are ideally suited to replace 78xx linear regulators and are pin compatible. The efficiency of up to 96% means that very little energy is wasted as heat. Full power is available over a temperature range of -40°C up to 70°C without the need for heatsinks with their additional space and mounting costs. A high input voltage of up to 32VDC and output voltages from 1.2V up to 15V, low ripple and noise figures and a short circuit input current of typically only 10mA round off the specifications of this versatile converter series.

Unique selling proposition:	Up to 30W in a SIP 3 package // pin compatible with 78 series linear regulators // Input voltage range 4.75V up to 34V // 1.5, 1.8, 2.5, 3.3, 5, 6, 7.5, 9, 12 and 15V fixed output voltage options // -40°C to +60°C operation (no derating) // 2A continuous, 3A peak
Target customer:	General purpose replacement for high-power linear regulators // On-board power supplies
Main features:	High current voltage regulator // SIP3 package // -40°C to +60°C operation (no derating) // high peak load capability
Web release date:	February 27th, 2017
Available from sample stock:	R-78B1.2-2.0; R-78B1.5-2.0; R-78B1.8-2.0; R-78B2.5-2.0; R-78B3.3-2.0; R-78B5.0-2.0; R-78B9.0-2.0; R-78B12-2.0; R-78B15-2.0;

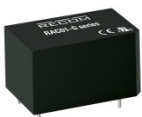
RAC01-GA



The RAC01-GA series are low cost AC/DC power supplies, ideal for PCB mounted, compact, board level industrial power supplies. They feature universal AC input voltage range, regulated and short-circuit-proof isolated DC outputs, low standby power consumption and -25°C to +80°C operating temperature range. The RAC01-GA have a built-in class A / FCC Part 15 EMC filter, are certified to EN60335-1, EN60950 and EN62368 safety standards and come with a three year warranty.

Unique selling proposition:	low cost AC/DC // 1W // wide operating temperature range // class II design with no FG // EN55022 class A // fully protected outputs // EN60335-1 certified
Target customer:	house hold // building automation // Industrial electrical equipment // Factory automation equipment // handheld electronic device // smart house/building applications
Main features:	low cost AC/DC // 1W // wide operating temperature range // class II design with no FG // EN55022 class A/B // EN60335-1 and EN55014-1 EMC certified
Web release date:	February 27 th , 2017
Available from sample stock:	RAC01-05SGA; RAC01-12SGA;

RAC01-GB



The RAC01-GB series are low cost AC/DC power supplies, ideal for PCB mounted, compact, board level industrial power supplies. They feature universal AC input voltage range, regulated and short-circuit-proof isolated DC outputs, low standby power consumption and -25°C to +80°C operating temperature range. The RAC01-GB have a built-in class B / FCC Part 15 EMC filter, are certified to EN60950 and EN62368 safety standards and come with a three year warranty.

Unique selling proposition:	low cost AC/DC // 1W // EN55022 class B without additional external components // wide operating temperature range // fully protected outputs // EN55022 class A
Target customer:	Industrial electrical equipment // Factory automation equipment // commercial/office environments // smart office/building applications
Main features:	low cost // universal input voltages // EN55022 class B without additional external components
Web release date:	April 3 rd , 2017
Available from sample stock:	RAC01-05SGB; RAC01-12SGB;

RAC02-GA



The RAC02-GA series are low cost AC/DC power supplies, ideal for PCB mounted, compact, board level industrial power supplies. They feature universal AC input voltage range, regulated and short-circuit-proof isolated DC outputs, low standby power consumption and -25°C to +80°C operating temperature range. The RAC02-GA have a built-in class A / FCC Part 15 EMC filter, are certified to EN60335-1, EN60950 and EN62368 safety standards and come with a three year warranty.

Unique selling proposition:	low cost AC/DC // 2W // wide operating temperature range // class II design with no FG // EN55022 Class A // fully protected outputs // EN60335-1 certified
Target customer:	house hold // building automation // Industrial electrical equipment // Factory automation equipment // smart house/building applications
Main features:	low cost AC/DC // 2W // wide operating temperature range // class II design with no FG // EN55022 class A/B // EN60335-1 and EN55014-1 EMC certified
Web release date:	February 27 th , 2017
Available from sample stock:	RAC02-05SGA; RAC02-12SGA;

RAC02-GB



The RAC02-GB series are low cost AC/DC power supplies, ideal for PCB mounted, compact, board level industrial power supplies. They feature universal AC input voltage range, regulated and short-circuit-proof isolated DC outputs, low standby power consumption and -25°C to +80°C operating temperature range. The RAC02-GB have a built-in class B / FCC Part 15 EMC filter, are certified to EN60950 and EN62368 safety standards and come with a three year warranty.

Unique selling proposition:	low cost AC/DC // 2W // EN55022 class B without additional external components // wide operating temperature range // fully protected outputs // EN55022 class A
Target customer:	Industrial electrical equipment // Factory automation equipment // commercial/office environments // smart office/building applications
Main features:	low cost // universal input voltages // EN55022 class B without additional external components
Web release date:	April 3 rd , 2017
Available from sample stock:	RAC02-05SGB; RAC02-12SGB;

RAC35-G/OF



The RAC35-xxG/OF series are low cost, 4"x2" AC/DC power supplies with universal input (90-264VAC) and fully protected and isolated DC outputs in the range of 5V up to 48V. The converters are offered in open frame (/OF) version. The outputs are adjustable to compensate for cable losses and are short circuit and overload protected. The converters work over a wide temperature range of -20°C to +65°C (with derating), are UL60950, EN60950 and CE certified and comply with Class B EMC limits. The RAC35-G series come with a three year warranty.

Unique selling proposition:	low cost // industry standard footprint (4" x 2") // cable loss trim // CE/UL/EN certified // fits into 1U height racks // 3 year warranty
Target customer:	Industrial // test & measurement // rack mount systems // general purpose
Main features:	low profile 35W AC/DC power supply // 5V, 12V, 24V, 48V output // universal input voltage // wide operating temperature range // Class B EMC compliant // resistant to shock and vibration // 3 year warranty
Web release date:	March 27 th , 2017
Available from sample stock:	RAC35-05SG/OF; RAC35-12SG/OF; RAC35-24SG/OF; RAC35-48SG/OF;

RAC45-G/OF


The RAC45-xxG/OF series are low cost, 4"x2" AC/DC power supplies with universal inputs (90-264VAC) and fully protected and isolated DC outputs in the range of 12V up to 48V. The converters are offered in open frame (/OF) version. The outputs are adjustable to compensate for cable losses and are short circuit and overload protected. The converters work over a wide temperature range of -25°C to +60°C (with derating), are UL60950, EN60950 and CE certified and comply with Class B EMC limits. The RAC45-G series come with a three year warranty.

Unique selling proposition:	low cost // industry standard footprint (4" x 2") // cable loss trim // CE/UL/EN certified // fits into 1U height racks // 3 year warranty
Target customer:	Industrial // test & measurement // rack mount systems // general purpose
Main features:	low profile 45W AC/DC power supply // 12V, 24V, 48V output // universal input voltage // wide operating temperature range // Class B EMC compliant // resistant to shock and vibration // 3 year warranty
Web release date:	March 27 th , 2017
Available from sample stock:	RAC45-12SG/OF; RAC45-24SG/OF; RAC45-48SG/OF;