

R-78B-2.0

The R-78B-2.0 series high efficiency switching regulators are ideally suited to replace 78xx linear regulators & 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 & mounting cost. A high input voltage of up to 32VDC & output voltages from 1.2V to 15V, low ripple & noise figures & a short circuit input current of typically only 10mA round off the specifications of this versatile converter series.



Unique Selling Proposition:	<ul style="list-style-type: none"> Up to 30W in a SIP3 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 & 15V fixed output voltage options. -40°C to +60°C operation (No derating) 2A continuous, 3A peak
Target Customer:	<ul style="list-style-type: none"> General purpose replacement for high-power linear regulators On-board power supplies
Main Features:	<ul style="list-style-type: none"> High current voltage regulator SIP3 package -40°C to +60°C operation (No derating) High peak load capability

Datasheets and additional information can be found on: www.recom-international.com