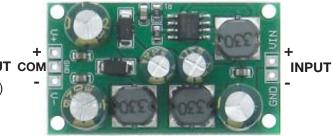
## 37218-PS + & - 12VDC Output DC/DC Converter

DC-DC Boost-Buck Converter with Built in Frequency Compensation, Soft-Start, Thermal Shutdown & Current Limit. **NOTE: V- cannot be used alone, you can just use V+** Input voltage 3~24V Output + & - 12VDC Maximum output power: 1 to 8W (Dependant on Input, See Chart) Conversion efficiency: 70-90% Quiescent current: 3-4mA Accuracy: Positive voltage ±3%, Negative voltage ±5% (Minimum Recommended Load:10mA) Operating Frequency: ~ 400KHZ. Operating ambient temperature: ~-40 to ~+85°C L: 1-5/8" W: 15/16" H: 5/8" WT: .02



## NOTE: INPUT & OUTPUT GND (COMMON) ARE CONNECTED

## FOR REFERENCE ONLY

+ & -12V Output OUTPUT

+12V Only Output	Input Voltage	Input Current	Output Voltage	Output Current
	3V	0.32A	12V	0.06A
	3.3V	0.40A	12V	0.08A
	3.7V	1.00A	12V	0.19A
	5V	1.20A	12V	0.35A
	6V	1.59A	12V	0.49A
	9V	1.30A	12V	0.70A
	12V	1.20A	12V	0.90A
	15V	0.92A	12V	0.90A
	18V	0.76A	12V	0.90A

Input Voltage	Input Current	Output Voltage	Output Current
3V	0.32A	±12V	0.03A
3.3V	0.40A	±12V	0.04A
3.7V	1.00A	±12V	0.10A
5V	1.20A	±12V	0.18A
6V	1.59A	±12V	0.25A
9V	1.30A	±12V	0.36A
12V	1.20A	±12V	0.46A
15V	0.92A	±12V	0.46A
18V	0.76A	±12V	0.46A

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