

ARD 2 **Arduino Compatibles** Controllers, Shields, Modules & Sensors

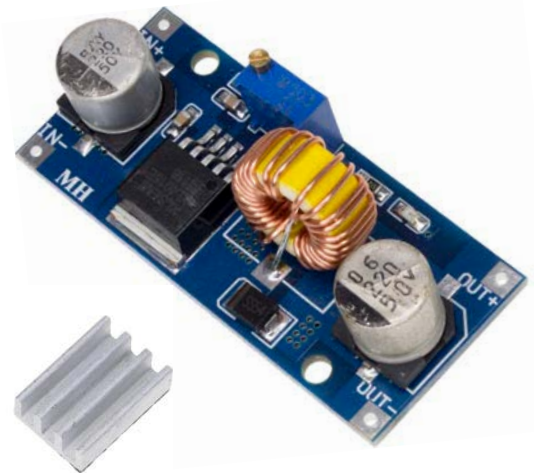
ARD2-4082 **DC TO DC STEPDOWN BUCK CONVERTER** **4-36V INPUT 1.25-32V OUTPUT 5AMP (XL4015)**

Description

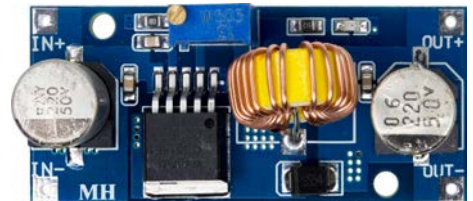
The XL4015 is a 180 KHz fixed frequency PWM buck (step-down) DC/DC converter, capable of driving a SA load with high-efficiency, low ripple and excellent line and load regulation. The PWM control circuit is able to adjust the duty ratio linearly from 0 to 96%. Over current protection function is inbuilt.

Specifications

Input Range	4~36VDC <small>(input voltage not exceeding 38V)</small>
Output Range	1.25-32VDC adjustable.
Output Current (Max)	5A
Output Power	75W.
Working Temperature	-40~+85 degrees.
Operating Frequency	180KHz.
Efficiency	96% (max).
Short Circuit Protection	Yes - current limited 8A
Input Reverse Polarity Protection	No <small>(if required, high current diode in series with the input).</small>
Dimensions	54 * 23 * 18mm



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