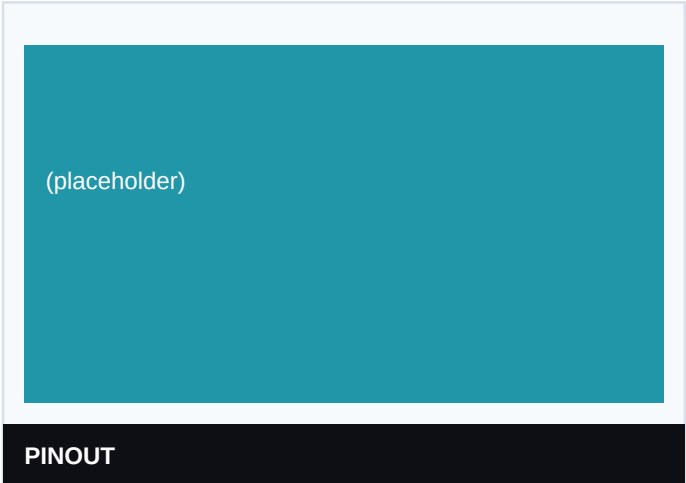
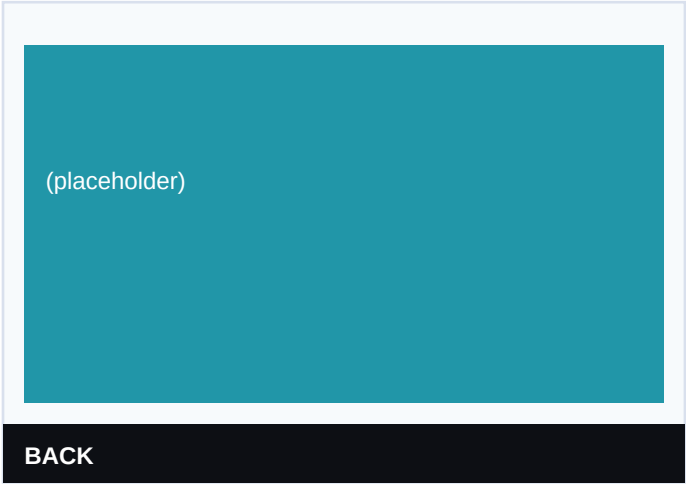


LM2596 DC-DC Buck Converter 4.5-40V to 3-35V Adjustable Step Down Module

slug: lm2596-dc-dc-buck-converter-4-5-40v-to-3-35v-adjustable-step-down-module



TECHNICAL SPECIFICATIONS & SUMMARY

[Step Down Buck Converter] Introducing a high-performance DC to DC Step Down Adjustable Power Supply Module, built upon the newly developed LM2596S Wide Range Switching Regulator. With dimensions approximately 43 x 20 x 14 mm and a color as shown in the picture, this module offers reliable and efficient power regulation. Key Specifications: - Full Load Temperature Rise: 40 deg C - Load Regulation: +/- 0.5% - Voltage Regulation: +/- 0.5% - Dynamic Response Speed: 5% in 200uS - Input Voltage: 4.50-40V - Output Voltage: Adjustable in the range of 1.50-35V - Output Current: Rated at 2A, with a maximum of 3A (Additional heat sink required for maximum output) - Conversion Efficiency: Up to 92% (Efficiency increases with higher output voltage) - Switching Frequency: 150KHz - Rectifier: Non-Synchronous Rectification - Module Properties: Non-isolated step-down module (buck) - Short Circuit Protection: Current limiting, with automatic recovery - Operating Temperature: Industrial grade (-40 to +85 deg C) for output power of 10W or less Features: Adjustment method: first correct

UNIT PRICE (EX. GST)

Rs. 55

WITH 18% GST

Rs. 65

In stock: 10 units - HSN: 85044090
Order online at uniksystem.in for bulk pricing.