

# MicroSD cards connect to microcontrollers over SPI or SDIO

Category: Electronic

written by [www.mbsmpro.com](http://www.mbsmpro.com) | January 8, 2026



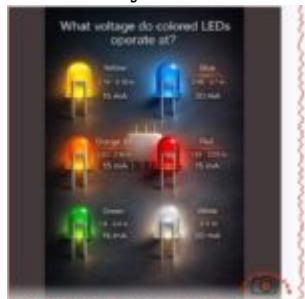
[Mbsmpro.com](http://Mbsmpro.com), MicroSD Interface, SPI Wiring, CS MOSI MISO SCK, 3.3V Level Shifter, Pinout, Data Logging

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# Typical forward voltages vary by LED color

Category: Electronic

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[Mbsmpro.com](http://Mbsmpro.com), LED Forward Voltage Chart, Red Green Blue White Yellow Orange, Vf Ranges, Resistor Calculation, Driver Selection

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# LM317 Voltage Regulator

Category: Electronic

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Mbsmpro.com, LM317 Voltage Regulator, TO-220, 1.2-37V, 40V IN, Pinout, Application Circuit, Thermal Design

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## AMS1117 Voltage Regulator

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Mbsmpro.com, AMS1117 Voltage Regulator, Common Mistakes, Thermal Design, 1.2V-5.0V, Decoupling, Layout, Alternatives

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## Copper Pipe Flaring: Common Mistakes and How to Avoid Them in HVAC and Plumbing Installations

Category: Refrigeration

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## Embraco FMXY9C Compressor: R600a, 1/6 HP

Category: Refrigeration

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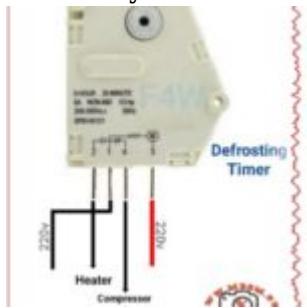
Mbsmpro.com, Compressor, FMXY9C, Embraco, R600a, 1/6 hp, Cooling, 220-240V, 1Ph 50Hz, LBP, Fullmotion, Inverter, -35°C to -10°C, CE UL, Austria

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## Mechanical Defrost Timer LUFO HPT-02: Wiring

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The LUFO HPT-02 mechanical timer alternates between defrost and cooling cycles in refrigeration systems. Rated at 120 VAC and 15A, it offers reliable control with a simple 4-terminal wiring setup.

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# Jaxipera VTH1113Y Compressor: R600a

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Jaxipera VTH1113Y is a high-efficiency inverter compressor using R600a refrigerant. Designed for LBP applications, it operates on 220-240V and offers quiet, reliable cooling for household refrigerators.

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## Blue Star Inverter AC Error Codes

Category: Refrigeration

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Blue Star inverter ACs display error codes to help technicians diagnose faults quickly. This guide covers models BO-IC312YATU, BO-IC318YBTU, and BO-IC324YATU, offering tables, comparisons, and expert advice.

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## HVAC Valve Cores

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## What is part name?



Excerpt: Valve cores are vital for HVAC and refrigeration systems. This guide explores Schrader valve types, pressure ratings, material choices, and engineering tips for optimal performance and leak prevention.