

[MicroSD cards connect to microcontrollers over SPI or SDIO](#)

Category: Electronic

written by www.mbsmpro.com | January 8, 2026



Mbsmpro.com, MicroSD Interface, SPI Wiring, CS MOSI MISO SCK, 3.3V Level Shifter, Pinout, Data Logging

[Typical forward voltages vary by LED color](#)

Category: Electronic

written by www.mbsmpro.com | January 8, 2026



Mbsmpro.com, LED Forward Voltage Chart, Red Green Blue White Yellow Orange, Vf Ranges, Resistor Calculation, Driver Selection

[LM317 Voltage Regulator](#)

Category: Electronic

written by www.mbsmpro.com | January 8, 2026



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

[AMS1117 Voltage Regulator](#)

Category: Equipment

written by www.mbsmpro.com | January 8, 2026



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

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

Category: Refrigeration

written by www.mbsmpro.com | January 8, 2026



Embraco FMXY9C Compressor: R600a, 1/6 HP

Category: Refrigeration

written by www.mbsmpro.com | January 8, 2026



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

Mechanical Defrost Timer LUFO HPT-02: Wiring

Category: Refrigeration

written by www.mbsmpro.com | January 8, 2026



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.

Jiaxipera VTH1113Y Compressor: R600a

Category: Refrigeration

written by www.mbsmpro.com | January 8, 2026



Jiaxipera 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.

Blue Star Inverter AC Error Codes

Category: Refrigeration

written by www.mbsmpro.com | January 8, 2026



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.

HVAC Valve Cores

Category: Refrigeration

written by www.mbsmpro.com | January 8, 2026

at is part nan



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.