

How to Choose an Integrated Power Driver

Brushed, brushless, and stepper motor drivers share many of the same tradeoffs when selecting to use integrated or external field effect-transistors (FETs) for the power stage.

Selecting the right driver IC is critical to ensuring optimal performance, efficiency, and reliability of your system. This guide will walk you through the key factors to consider when choosing driver ICs and ...

Designers must choose whether to use a monolithic integrated circuit (IC) with internal power devices or to use a gate driver IC and discrete external power MOSFETs. This article ...

How to configure NVIDIA Optimus and AMD Switchable Graphics for high performance ? Some ASUS Notebooks have the option to switch between an integrated graphics card and a ...

Q4: How do I choose the right motor driver? A: Consider your motor type (DC, stepper, BLDC), operating voltage/current, required features (microstepping, current sensing), and thermal performance.

In this presentation, we will discuss how you can choose a motor driver chip for your automotive body electronics application. Texas Instruments offers motor driver chips to fit just about every automotive ...

Product selection, troubleshooting and design tips, 24 hours a day, six days a week. Find the highly integrated solutions best matching your design needs in just a few simple steps. Why Do EVs Still ...

When designing a motor control circuit, it's vital to determine how to deliver the high current required to drive the motor. Designers must choose whether to use monolithic integrated ...

Engineers must choose between monolithic integrated drivers or gate drivers paired with discrete MOSFETs. This article outlines the advantages and trade-offs of each approach to support optimal ...

Designers must choose whether to use monolithic integrated circuits that have internal power devices, or gate driver ICs and discrete external power MOSFETs. This article discusses the advantages and ...

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