

MOSFET Driver Circuits



Component
École Nationale
Supérieure
d'Électrotechnique
d'Électronique

In brief

- **AmetyS Code:** N9EE09B
- **Open to exchange students:** Yes

Presentation

Objectives

At the end of the training course on the design of driver circuits dedicated to power transistor control, M2-level students will be able to size, control, and simulate an inverter arm, demonstrating their mastery of the various stages of power transistor switching when EMC and energy efficiency performance targets are met.

Description

Course outline:

- Part 1: Introduction to power switches
- Part 2: Driver design
- Part 3: Drivers & power supply topologies