

# Global Low-Side FET Drivers Market Research Report 2026(Status and Outlook)

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## Abstracts

The 2025 U.S. tariff policies introduce profound uncertainty into the global economic landscape. This report critically examines the implications of recent tariff adjustments and international strategic countermeasures on Low-Side FET Drivers competitive dynamics, regional economic interdependencies, and supply chain reconfigurations. Global production of low-side FET drivers will reach 90.5 million units in 2024, with an average selling price of US\$7.82 per unit. A low-side FET driver is a power driver circuit designed specifically to drive low-side field-effect transistors (MOSFETs/GaN FETs) in half-bridge/full-bridge topologies. Its core function is to control the switching state of the low-side FET through a gate drive signal, thereby achieving on/off control between the load and the power ground. Technical features include: ground-referenced drive levels, support for negative voltage shutdown (e.g., -5V to -10V) for enhanced noise immunity; high gate drive current capability (hundreds of milliamperes to several amperes) for fast switching (rise/fall times

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