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**FD2203****FD2203****250V half-bridge gate driver****Overview**

FD2203 is a half-bridge gate drive circuit chip,  
Designed for high-voltage, high-speed driving of N-type power MOSFETs  
And IGBT, can work under voltage up to +250V.

FD2203 has built-in under-voltage (UVLO) protection function,  
Prevent the power tube from working under too low voltage and improve efficiency.

FD2203 has built-in input signal filtering to prevent input noise  
Acoustic interference.

FD2203 built-in through prevention and dead time to prevent  
The power tube has a pass-through, which effectively protects the power

**Features**

- Floating absolute voltage +250V
- Output current +1.6A/-2.3A
- 3.3V/5V input logic compatible
- VCC/VBS undervoltage protection (UVLO)
- High-end output is in phase with high-end input
- Low-end output and low-end input are inverted
- Built-in through prevention function
- Built-in 250ns dead time
- High and low end channel matching

**Encapsulation****application**

Motor drive

DC-DC converter

**Ordering Information**

product name	Package form	Order model
SOIC-8	FD2203	SOIC-8 FD2203

