

Link do produktu: <https://www.sklep.uk-system.pl/ir2113s-uklad-scalony-driver-p-42.html>



IR2113S układ scalony driver

Dostępność	Dostępny
Czas wysyłki	48 godzin
Producent	International Rectifier

Opis produktu

HIGH AND LOW SIDE DRIVER

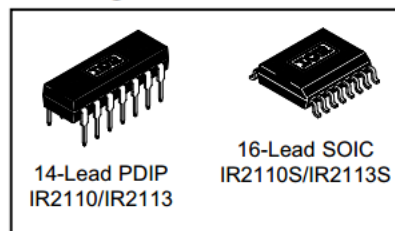
Features

- Floating channel designed for bootstrap operation
Fully operational to +500V or +600V
Tolerant to negative transient voltage
dV/dt immune
- Gate drive supply range from 10 to 20V
- Undervoltage lockout for both channels
- 3.3V logic compatible
Separate logic supply range from 3.3V to 20V
Logic and power ground $\pm 5V$ offset
- CMOS Schmitt-triggered inputs with pull-down
- Cycle by cycle edge-triggered shutdown logic
- Matched propagation delay for both channels
- Outputs in phase with inputs

Product Summary

V_{OFFSET} (IR2110)	500V max.
(IR2113)	600V max.
$I_{O+/-}$	2A / 2A
V_{OUT}	10 - 20V
$t_{on/off}$ (typ.)	120 & 94 ns
Delay Matching (IR2110)	10 ns max.
(IR2113)	20ns max.

Packages



Description

The IR2110/IR2113 are high voltage, high speed power MOSFET and IGBT drivers with independent high and low side referenced output channels. Proprietary HVIC and latch immune CMOS technologies enable ruggedized monolithic construction. Logic inputs are compatible with standard CMOS or LSTTL output, down to 3.3V logic. The output drivers feature a high pulse current buffer stage designed for minimum driver cross-conduction. Propagation delays are matched to simplify use in high frequency applications. The floating channel can be used to drive an N-channel power MOSFET or IGBT in the high side configuration which operates up to 500 or 600 volts.

Dane techniczne

Podstawowe dane techniczne	
Symbol	IR1213S
Producent	International Rectifier
Obudowa	SMD SOP16W
Montaż	Powierzchniowy SMD
Stan produktu	Nowy