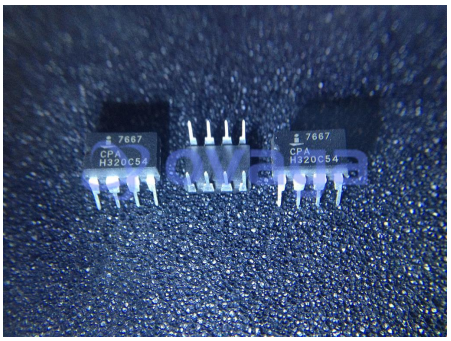
ICL7667CPA

Data Sheet

ICL7667 Series Dual 15 Vin 1 A 8 Ohm Mosfet Driver

Manufacturers	Renesas Technology Corp
Package/Case	PDIP-8
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ICL7667CPA or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The ICL7667 is a dual monolithic high-speed driver designed to convert TTL level signals into high current outputs at voltages up to 15V. Its high speed and current output enable it to drive large capacitive loads with high slew rates and low propagation delays. With an output voltage swing only millivolts less than the supply voltage and a maximum supply voltage of 15V, the ICL7667 is well suited for driving power MOSFETs in high frequency switched mode power converters. The ICL7667's high current outputs minimize power losses in the power MOSFETs by rapidly charging and discharging the gate capacitance. The ICL7667's inputs are TTL compatible and can be directly driven by common pulse-width modulation control ICs.

Applications
- Switching Power Supplies
- DC/DC Converters
- Motor Controllers

Features

Fast Rise and Fall Times

30ns with 1000pF Load

Wide 15V Supply Voltage Range

V+ = +4.5V to +15V

>
Low Power Consumption

4mW with Inputs Low

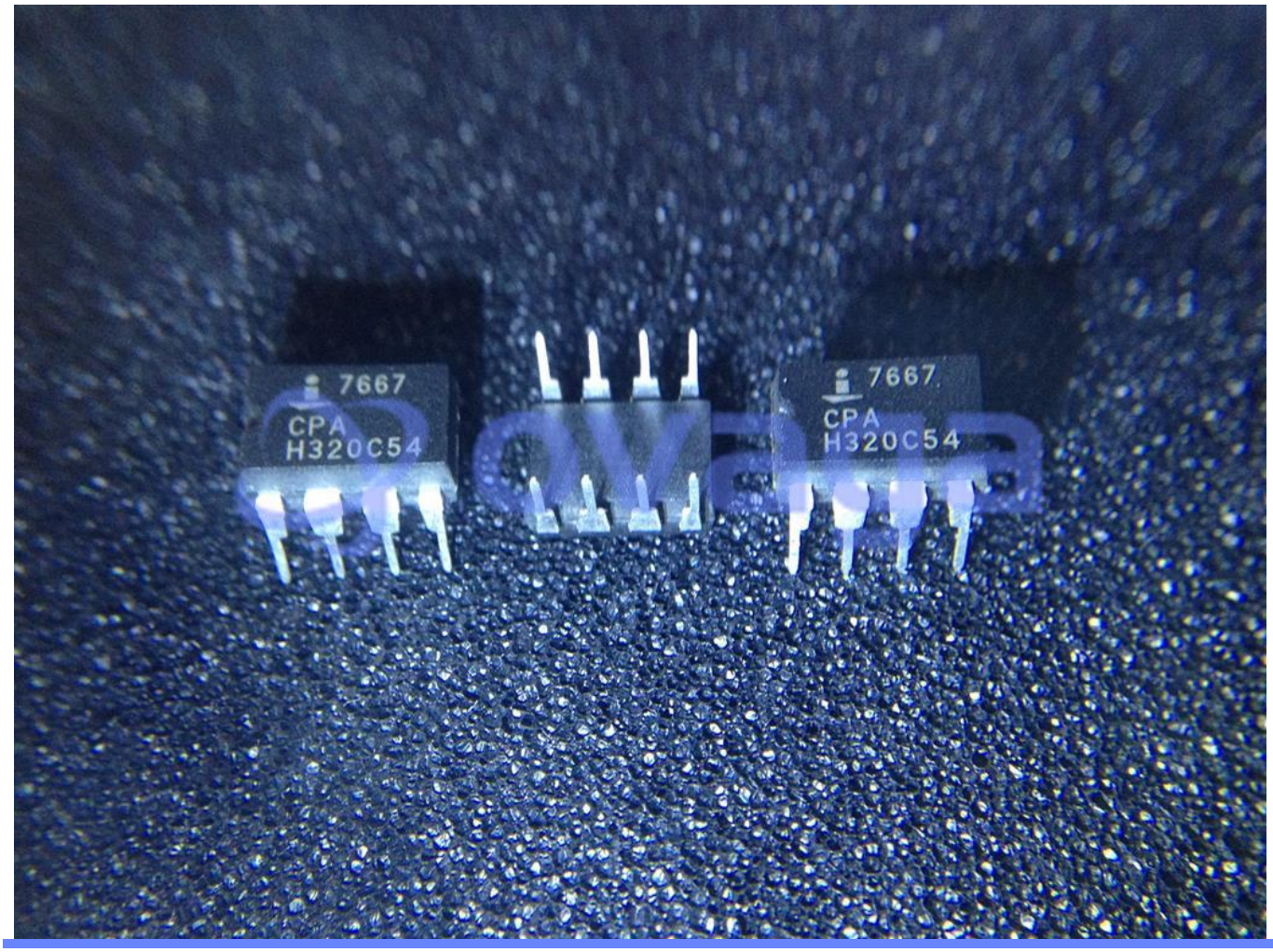
20mW with Inputs High

TTL/CMOS Input Compatible Power Driver

>
Direct Interface with Common PWM Control ICs

Pin Equivalent to DS0026/DS0056; TSC426

Pb-Free Available (RoHS Compliant)



Related Products

[ICL7660SIPAZ]

Renesas Technology Corp

PDIP-8

[ICL7660AIBAZA]

Renesas Technology Corp

SOIC-8

[ICL7665SAIBAZA-T]

Renesas Technology Corp

SOIC-8

[ICL7667CPAZ]

Renesas Technology Corp

PDIP-8

[ICL7667CBAZA]

Renesas Technology Corp

SOP-8

[ICL7660SIBA]

Renesas Technology Corp

SOIC-8

[ICL7660SCBAZ]

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[ICL7673CBAZA]

Renesas Technology Corp

SOIC-8N