

High Speed, Dual Channel Power MOSFET Drivers

Manufacturers	<a href="#">Renesas Technology Corp</a>
Package/Case	DIP-8
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for EL7202CN or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

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## General Description

The EL7202, EL7212, EL7222 ICs are matched dual-drivers that improve the operation of the industry standard DS0026 clock drivers. The Elantec versions are very high speed drivers capable of delivering peak currents of 2.0 amps into highly capacitive loads. The high speed performance is achieved by means of a proprietary "Turbo-Driver" circuit that speeds up input stages by tapping the wider voltage swing at the output. Improved speed and drive capability are enhanced by matched rise and fall delay times. These matched delays maintain the integrity of input-to-output pulse-widths to reduce timing errors and clock skew problems. This improved performance is accompanied by a 10 fold reduction in supply currents over bipolar drivers, yet without the delay time problems commonly associated with CMOS devices. Dynamic switching losses are minimized with non-overlapped drive techniques.

## Features

Industry standard driver replacement

Improved response times

Matched rise and fall times

Reduced clock skew

Low output impedance

Low input capacitance

High noise immunity

Improved clocking rate

Low supply current

Wide operating voltage range

Pb-Free available (RoHS compliant)



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