

【15kV ESD Protected, 3.3V, Full Fail-safe, Low Power, High Speed or Slew Rate Limited, RS-485/RS-422 Transceivers

Manufacturers	Renesas Technology Corp
Package/Case	MSOP-10
Product Type	Interface ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ISL3170EIUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

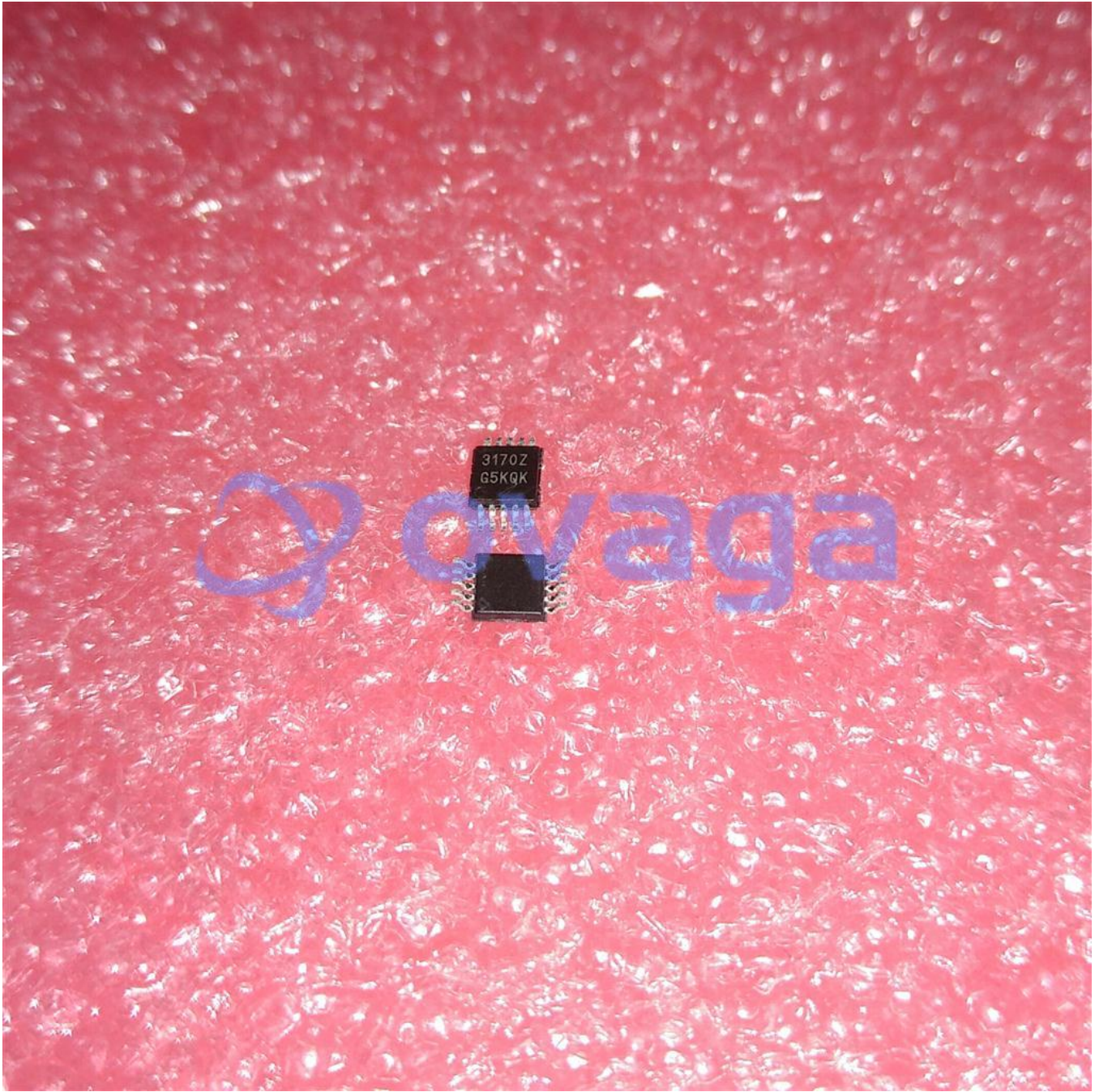
ISL3170EIUZ is a specific integrated circuit (IC) made by Renesas Electronics. It is a RS-485/RS-422 transceiver with $\pm 15\text{kV}$ ESD protection and is designed to operate in harsh industrial environments.

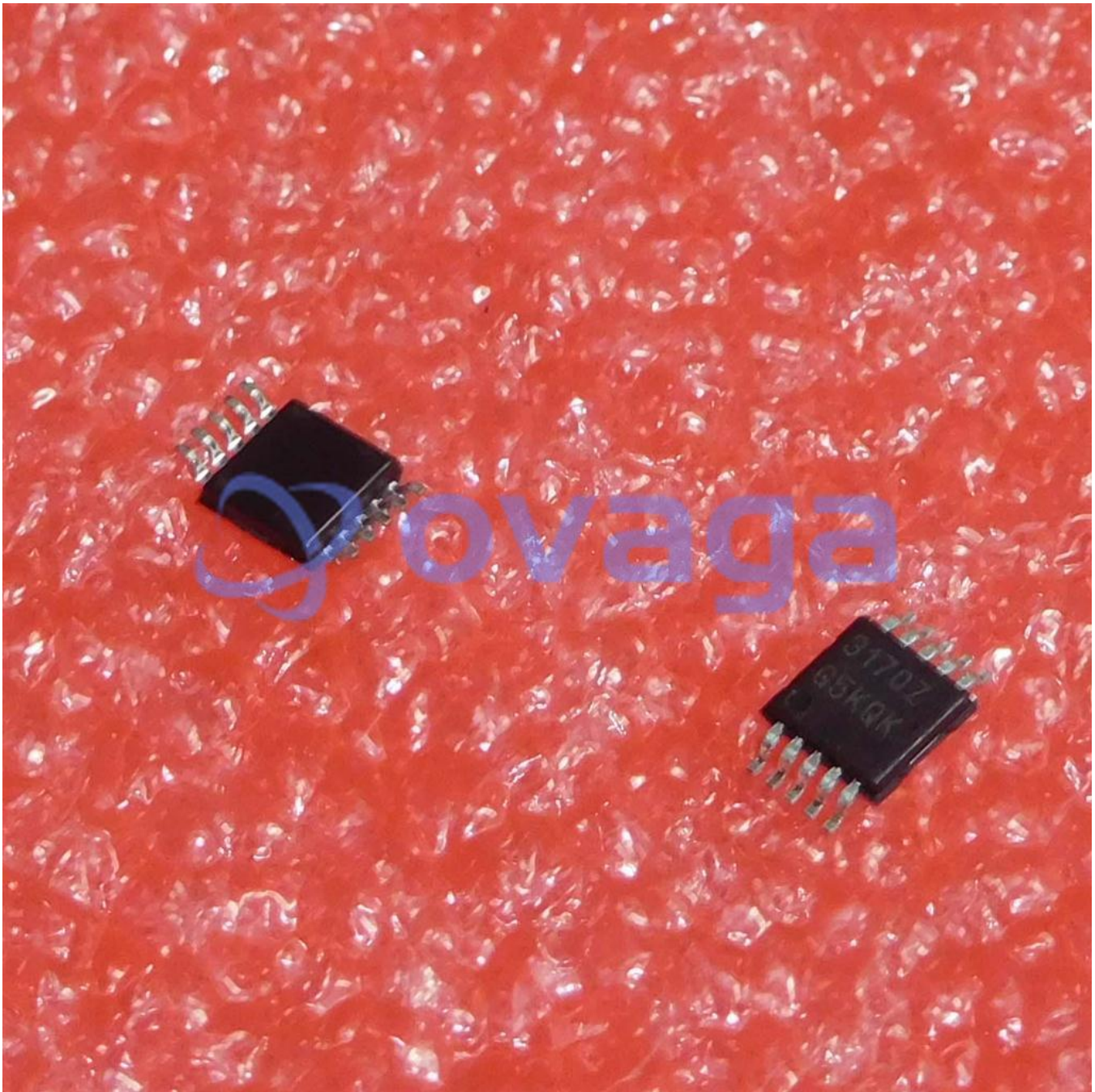
Features

- Wide operating voltage range from 3V to 5.5V
- High ESD protection of $\pm 15\text{kV}$ (human body model)
- Low quiescent current of $400\mu\text{A}$
- High data rate of up to 40Mbps
- Low propagation delay of 20ns

Application

- Industrial automation and control systems
- Building automation systems
- Motor control systems
- Energy management systems
- Instrumentation and measurement systems
- Security and surveillance systems





Related Products



[ISL83491IBZ](#)

Renesas Technology Corp
SOIC-14



[ISL99227FRZ-T](#)

Renesas Technology Corp
32-PowerWFQFN



[ISL83078EIBZA](#)

Renesas Technology Corp
SOIC-8



[ISL83072EIBZA](#)

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TSSOP-24



[ISL8483EIBZ](#)

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SOP8