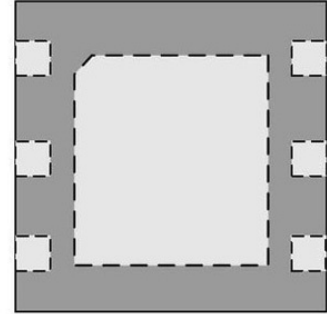


Octal, Voltage Level Shifter, Signal Translator, 3-State, 1.1 → 3.6 V, 16-Pin UMLP

Manufacturers	ON Semiconductor, LLC
Package/Case	UMLP-16
Product Type	Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for FXL4TD245UMX or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.



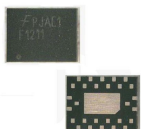
General Description

The FXL4TD245 is a configurable 4-bit dual-voltage supply translator designed for both uni-directional and bi-directional voltage translation between two logic levels. The device allows translation between voltages as high as 3.6V to as low as 1.1V. The A Port tracks the VCCA level, and the B Port tracks the VCCB level. This allows for bi-directional voltage translation over a variety of voltage levels: 1.2V, 1.5V, 1.8V, 2.5V, and 3.3V. The device remains in 3-STATE until both VCCs reach active levels allowing either VCC to be powered-up first. Internal power down control circuits place the device in 3-STATE if either VCC is removed. The Transmit/Receive (T/R) input determines the direction of data flow through the device. The OE input, when HIGH, disables both the A and B Ports by placing them in a 3-STATE condition. The FXL4TD245 is designed so that the control pins (T/R and OE) are supplied by VCCA.

Application

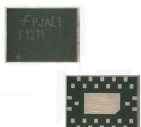
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Related Products



[FXMAR2102UMX](#)

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UMLP-8



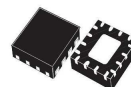
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ON Semiconductor, LLC
UMLP-12



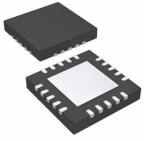
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ON Semiconductor, LLC
MicroPak-8



[FXLP4555MPX](#)

ON Semiconductor, LLC
MLP-16



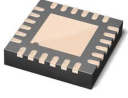
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ON Semiconductor, LLC
QFN-20



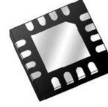
[FXLA104UM12X](#)

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QFN-16