

NV DIGITAL POTENTIOMETER, End To End Resistance:10kohm, No. of Pots:Single, Control Interface:Pushbutton, Track Taper:Linear, Resistance Tolerance: 20%, Supply Voltage Min:4.5V, Supply Voltage Max:5.5V

Manufacturers	Renesas Technology Corp
Package/Case	PDIP-8
Product Type	Data Acquisition - Digital Potentiometers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for X9511WPZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The Intersil X9511 is a push button controlled potentiometer that is ideal for push button controlled resistance trimming. The X9511 is a resistor array composed of 31 resistive elements. Between each element and at either end are tap points accessible to the wiper element. The position of the wiper element is controlled by the PU and PD inputs. The position of the wiper can be automatically stored in EE memory and then be recalled upon a subsequent power-on operation. The resolution of the X9511 is equal to the maximum resistance value divided by 31. As an example, for the X9511W (10k Ω) each tap point represents 323 Ω . All Intersil nonvolatile products are designed and tested for applications requiring extended endurance and data retention.

Features

Push button controlled

Low power CMOS

Active current, 3mA max

Standby current, 100µA typical

31 resistive elements

Temperature compensated

±20% end to end resistance range

-5V to +5V range

32 wiper tap points

Wiper positioned via two push button inputs

Slow and fast scan modes

AUTOSTORE® option

Manual store option

Wiper position stored in nonvolatile memory and recalled on power-up

100 year wiper position data retention

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Packages

8 Ld PDIP

8 Ld SOIC

Pb-free plus anneal available (RoHS compliant)



Related Products



[HC9P5504B-5ZX96](#)

Renesas Technology Corp
SOIC-24 Wide



[X9314WSZ-3T1](#)

Renesas Technology Corp
8-SOIC



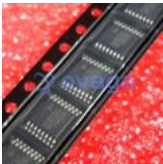
[X9252YV24IZ-2.7](#)

Renesas Technology Corp
TSSOP24



[ISL83491IBZ](#)

Renesas Technology Corp
SOIC-14



[ICL3221EIVZ](#)

Renesas Technology Corp
TSSOP-16



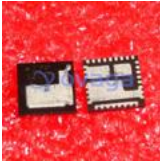
[ISL3170EIUZ](#)

Renesas Technology Corp
MSOP-10



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Renesas Technology Corp
SOIC-16



[ISL99227FRZ-T](#)

Renesas Technology Corp
32-PowerWFQFN