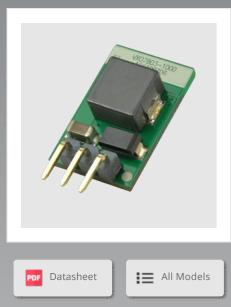




Dc-Dc Converters > Non-Isolated



VX078-1000 Series NRND 3 Pin SIP Non-Isolated Dc-Dc Converter

This product is Not Recommended for New Design (NRND) and availability is limited to remaining stock in distribution. Please visit the **parametric search** to find available replacements.

Recommended Replacement

Datasheet

PDF



P78A-1000 Series | 1 A Output Current, 7~28 Vdc Input, 3 Pin SIP, Non-Isolated, Dc-Dc Converter

1 A

3 ~ 15 Vdc output options 36 Vdc max input voltage

-40 to +85°C temperature range

Pin compatible with LM78XX and LM79XX linear regulators

Wide input voltage range

Suited for negative output applications

No-load input current as low as 0.2 mA

Low ripple and noise

Efficiency up to 96%

Safety & Compliance

Safety Standards - 60950

Safety Approvals - CSA, UL/cUL

Documents

🕁 RoHS & REACH

Description

The compact, open frame VXO78-1000 non-isolated **dc-dc converter** series, suited for positive or negative output applications, has been designed to offer a high performance alternative to linear regulators. Utilizing switching technology, this series is footprint compatible with TO-220 package LM78XX and LM79XX model regulators. Unlike linear regulators, the VXO78-1000 **dc switching regulator** series is extremely efficient up to 96% and does not require a heat sink, making it ideal for applications where board space is at a premium and maximizing energy efficiency is a concern.

Specifications

Regulation	Yes
Package Type	SIP
Isolation (Vdc)	0
Safety Standards	60950
Dimensions LxWxH (in)	0.453 x 0.295 x 0.689
Dimensions LxWxH (mm)	11.5 x 7.5 x 17.5
Protections	Short Circuit

ALL MODELS

54	odol Numbor	Input Voltago (V/dc)	Power (M)	Output Voltago (Vdc)	Output Current (A)	Safety Approvals	3D	PCB	Stock
	Model Number	input voitage (vuc)		Output voltage (vuc)	Output Current (A)		Model	Footprint	Check
									

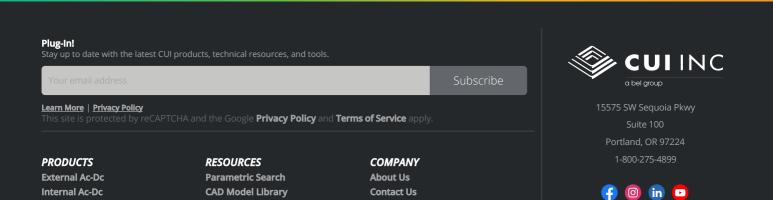
VXO7803-1000	6 ~ 36	3.3	3.3	1	UL/cUL, CSA		
VXO7805-1000	8 ~ 36	5	5	1	UL/cUL, CSA		
VXO78012-1000	16 ~ 36	12	12	1	UL/cUL, CSA		
VXO78015-1000	20 ~ 36	15	15	1	UL/cUL, CSA		

NEWS AND RESOURCES



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