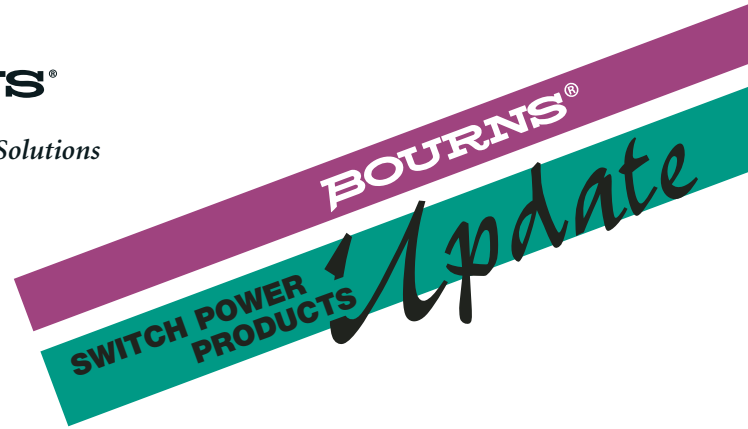




Reliable Electronic Solutions

March, 2005

Bourns Rep District Sales Managers  
Bourns Rep Distributor Managers  
Corporate Distributor Product Managers  
Americas Sales Team  
Asia Sales Team  
Europe Sales Team



## Bourns Releases New Non-Isolated DC-DC Converter Series

Bourns® Switch Power™ is pleased to announce the launch of the 5A X series of non-isolated DC-DC converters. The 5A X series offers designers very cost- and space-efficient solutions with standard features such as remote On/Off, precisely regulated programmable output voltage and overcurrent protection.

These competitively priced devices are designed to be form, fit and function equivalents to the 5 A Tyco Power Austin Lynx series.

We will be adding new 6 A, 10 A and 16 A devices with and without a sequencing function over the coming weeks and months.

For detailed electrical and mechanical specifications, please check the Bourns website, [www.bourns.com](http://www.bourns.com), under “[DC-DC Converters](#)”. Design verification test reports are available from product management on request to assist you with your design-in process. Fixed output voltage products are available on request.

*Contacts:*

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Best regards,

Andrew Barrett  
Technical Marketing Manager  
Bourns® Switch Power™ DC-DC Converters

## DATA SUMMARY

### Nominal Input Voltage = 3.3 V & 5 V:

Part Number	Vin (v)	Vout (V)	Iout (A) Max.	Efficiency up to (%)	Pkg.	Package Size L x W x H - mm/(in.)
<a href="#">SX5A-3-5SA</a>	3.0-5.5	0.75-3.63	5	94	SIP	22.9/(0.9), 5.26/(0.22), 10.2/(0.4)
<a href="#">MX5A-3-5SA</a>	3.0-5.5	0.75-3.63	5	94	SMT	20.3/(0.8), 11.43/(0.45), 5.56/(0.22)

### Nominal Input Voltage = 12 V:

Part Number	Vin (v)	Vout (V)	Iout (A) Max.	Efficiency up to (%)	Pkg.	Package Size L x W x H - mm/(in.)
<a href="#">SX5A-12SA</a>	10.0-14	0.75-5.5	5	92	SIP	22.9/(0.9), 5.26/(0.22), 10.2/(0.4)
<a href="#">MX5A-12SA</a>	10.0-14	0.75-5.5	5	92	SMT	20.3/(0.8), 11.43/(0.45), 5.56/(0.22)

## CROSS REFERENCE TO TYCO POWER

TYCO POWER Part Number	BOURNS Part Number	Description
AXA005A0X-SR	MX5A-12SA	DC/DC, SMT, 12 Vin, 5 A out, Adjustable Vout
AXH005A0X-SR	MX5A-3-5SA	DC/DC, SMT, 3-5 Vin, 5 A out, Adjustable Vout
AXA005A0X	SX5A-12SA	DC/DC, SIP, 12 Vin, 5 A out, Adjustable Vout
AXH005A0X	SX5A-3-5SA	DC/DC, SIP, 3-5 Vin, 5 A out, Adjustable Vout

## PRICING

US\$

-Proprietary and Confidential-

Part Number	Suggested Resale Prices per Unit				MOQ	MULT	CODE
	1-24	25-99	100-499	500+			
MX5A-12SA	11.50	9.88	8.55	7.13	800	400	A
MX5A-3-5SA	11.50	9.88	8.55	7.13	800	400	A
SX5A-12SA	11.50	9.88	8.55	7.13	504	84	A
SX5A-3-5SA	11.50	9.88	8.55	7.13	504	84	A