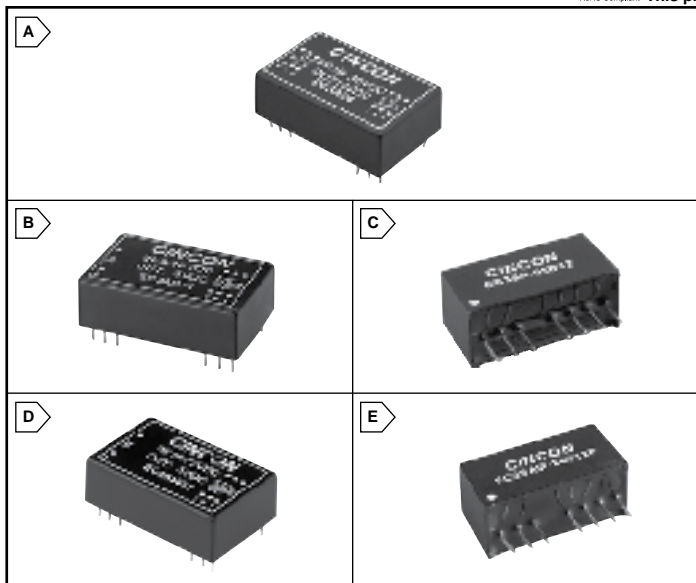


# CINCON DC-DC Converters

RoHS Compliant This product is RoHS compliant.



## CINCON EC3A SERIES, 3W SINGLE AND DUAL OUTPUT

- Features:**
- Isolated Voltage: 3kVDC
  - 24-Pin DIP Package
  - Efficiency to 82%
  - 2:1 Input Range
  - Regulated Outputs
  - Pi Input Filter
  - Continuous Short Circuit Protection
  - Non-Conductive Black Plastic
  - Surface Mount package available



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
<b>Single Output</b>								
418-EC3A07H	EC3A07H	A	4.5-6V	3.3V	600mA			
418-EC3A01H	EC3A01H	A	4.5-6V	5V	600mA			
418-EC3A02H	EC3A02H	A	4.5-6V	12V	250mA			
418-EC3A17H	EC3A17H	A	9-18V	3.3V	600mA			
418-EC3A11H	EC3A11H	A	9-18V	5V	600mA			
418-EC3A12H	EC3A12H	A	9-18V	12V	250mA			
418-EC3A27H	EC3A27H	A	18-36V	3.3V	600mA			
418-EC3A21H	EC3A21H	A	18-36V	5V	600mA			
418-EC3A22H	EC3A22H	A	18-36V	12V	250mA			
418-EC3A37H	EC3A37H	A	36-72V	3.3V	600mA			
418-EC3A31H	EC3A31H	A	36-72V	5V	600mA			
418-EC3A32H	EC3A32H	A	36-72V	12V	250mA			
<b>Dual Output</b>								
418-EC3A04H	EC3A04H	A	4.5-6V	±5V	±300mA			
418-EC3A05H	EC3A05H	A	4.5-6V	±12V	±125mA			
418-EC3A14H	EC3A14H	A	9-18V	±5V	±300mA			
418-EC3A15H	EC3A15H	A	9-18V	±12V	±125mA			
418-EC3A24H	EC3A24H	A	18-36V	±5V	±300mA			
418-EC3A25H	EC3A25H	A	18-36V	±12V	±125mA			
418-EC3A34H	EC3A34H	A	36-72V	±5V	±300mA			
418-EC3A35H	EC3A35H	A	36-72V	±12V	±125mA			

## CINCON EC3AB SERIES, 3W SINGLE AND DUAL OUTPUT

- Features:**
- Isolated Voltage: 3kVDC
  - 24-Pin DIP Package
  - Efficiency to 80%
  - 2:1 Input Range
  - Regulated Outputs
  - Pi Input Filter
  - Continuous Short Circuit Protection
  - Remote ON/OFF Option
  - Non-Conductive Black Plastic
  - Surface Mount package available



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
<b>Single Output</b>								
418-EC3AB17H	EC3AB17H	B	9-18V	3.3V	600mA			
418-EC3AB11H	EC3AB11H	B	9-18V	5V	600mA			
418-EC3AB12H	EC3AB12H	B	9-18V	12V	250mA			
418-EC3AB13H	EC3AB13H	B	9-18V	15V	200mA			
418-EC3AB27H	EC3AB27H	B	18-36V	3.3V	600mA			
418-EC3AB21H	EC3AB21H	B	18-36V	5V	600mA			
418-EC3AB22H	EC3AB22H	B	18-36V	12V	250mA			
418-EC3AB23H	EC3AB23H	B	18-36V	15V	200mA			
418-EC3AB37H	EC3AB37H	B	36-72V	3.3V	600mA			
418-EC3AB31H	EC3AB31H	B	36-72V	5V	600mA			
418-EC3AB32H	EC3AB32H	B	36-72V	12V	250mA			
418-EC3AB33H	EC3AB33H	B	36-72V	15V	200mA			
<b>Dual Output</b>								
418-EC3AB14H	EC3AB14H	B	9-18V	±5V	±300mA			
418-EC3AB15H	EC3AB15H	B	9-18V	±12V	±125mA			
418-EC3AB16H	EC3AB16H	B	9-18V	±15V	±100mA			
418-EC3AB24H	EC3AB24H	B	18-36V	±5V	±300mA			
418-EC3AB25H	EC3AB25H	B	18-36V	±12V	±125mA			
418-EC3AB26H	EC3AB26H	B	18-36V	±15V	±100mA			
418-EC3AB34H	EC3AB34H	B	36-72V	±5V	±300mA			
418-EC3AB35H	EC3AB35H	B	36-72V	±12V	±125mA			
418-EC3AB36H	EC3AB36H	B	36-72V	±15V	±100mA			

## CINCON EC3SA SERIES, 3W SINGLE AND DUAL OUTPUT

- Features:**
- Isolation Voltage: 1.5k VDC
  - Continuous short-circuit protection
  - Regulated outputs

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
<b>Single Output</b>								
418-EC3SA-05S33	EC3SA-05S33	C	4.5-9.0V	3.3V	700mA			
418-EC3SA-05S05	EC3SA-05S05	C	4.5-9.0V	5V	600mA			
418-EC3SA-05S12	EC3SA-05S12	C	4.5-9.0V	12V	250mA			
418-EC3SA-05S15	EC3SA-05S15	C	4.5-9.0V	15V	200mA			
418-EC3SA-12S33	EC3SA-12S33	C	9-18V	3.3V	700mA			
418-EC3SA-12S05	EC3SA-12S05	C	9-18V	5V	600mA			
418-EC3SA-12S12	EC3SA-12S12	C	9-18V	12V	250mA			
418-EC3SA-12S15	EC3SA-12S15	C	9-18V	15V	200mA			
418-EC3SA-24S33	EC3SA-24S33	C	18-36V	3.3V	700mA			
418-EC3SA-24S05	EC3SA-24S05	C	18-36V	5V	600mA			
418-EC3SA-24S12	EC3SA-24S12	C	18-36V	12V	250mA			
418-EC3SA-24S15	EC3SA-24S15	C	18-36V	15V	200mA			
418-EC3SA-48S33	EC3SA-48S33	C	36-75V	3.3V	700mA			
418-EC3SA-48S05	EC3SA-48S05	C	36-75V	5V	600mA			
418-EC3SA-48S12	EC3SA-48S12	C	36-75V	12V	250mA			
418-EC3SA-48S15	EC3SA-48S15	C	36-75V	15V	200mA			
<b>Dual Output</b>								
418-EC3SA-05D05	EC3SA-05D05	C	4.5-9.0V	±5V	±300mA			
418-EC3SA-05D12	EC3SA-05D12	C	4.5-9.0V	±12V	±125mA			
418-EC3SA-05D15	EC3SA-05D15	C	4.5-9.0V	±15V	±100mA			
418-EC3SA-12D05	EC3SA-12D05	C	9-18V	±5V	±300mA			
418-EC3SA-12D12	EC3SA-12D12	C	9-18V	±12V	±125mA			
418-EC3SA-12D15	EC3SA-12D15	C	9-18V	±15V	±100mA			
418-EC3SA-24D05	EC3SA-24D05	C	18-36V	±5V	±300mA			
418-EC3SA-24D12	EC3SA-24D12	C	18-36V	±12V	±125mA			
418-EC3SA-24D15	EC3SA-24D15	C	18-36V	±15V	±100mA			
418-EC3SA-48D05	EC3SA-48D05	C	36-75V	±5V	±300mA			
418-EC3SA-48D12	EC3SA-48D12	C	36-75V	±12V	±125mA			
418-EC3SA-48D15	EC3SA-48D15	C	36-75V	±15V	±100mA			

## CINCON EC3AW SERIES, 3W SINGLE AND DUAL OUTPUT

- Features:**
- Isolated Voltage: 500VDC
  - 24-Pin DIP Package
  - Efficiency to 80%
  - 4:1 Input Range
  - Regulated Outputs
  - Pi Input Filter
  - Continuous Short Circuit Protection
  - Non-Conductive Black Plastic
  - Surface Mount package available

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
<b>Single Output</b>								
418-EC3AW07	EC3AW07	D	9-36V	3.3V	600mA			
418-EC3AW01	EC3AW01	D	9-36V	5V	600mA			
418-EC3AW02	EC3AW02	D	9-36V	12V	250mA			
418-EC3AW03	EC3AW03	D	9-36V	15V	200mA			
418-EC3AW17	EC3AW17	D	18-72V	3.3V	600mA			
418-EC3AW11	EC3AW11	D	18-72V	5V	600mA			
418-EC3AW12	EC3AW12	D	18-72V	12V	250mA			
418-EC3AW13	EC3AW13	D	18-72V	15V	200mA			
<b>Dual Output</b>								
418-EC3AW04	EC3AW04	D	9-36V	±5V	±300mA			
418-EC3AW05	EC3AW05	D	9-36V	±12V	±125mA			
418-EC3AW06	EC3AW06	D	9-36V	±15V	±100mA			
418-EC3AW14	EC3AW14	D	18-72V	±5V	±300mA			
418-EC3AW15	EC3AW15	D	18-72V	±12V	±125mA			
418-EC3AW16	EC3AW16	D	18-72V	±15V	±100mA			

## CINCON EC3SAW SERIES, 3W SINGLE AND DUAL OUTPUT

- Features:**
- Isolated Voltage: 1500VDC
  - 8-Pin SIP Package
  - Efficiency to 85%
  - 4:1 Input Range
  - Regulated Outputs
  - Input Under Voltage Protection
  - Continuous Short Circuit Protection
  - Remote ON/OFF Control

For quantities of 100 and up, call for quote.



MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
<b>Single Output</b>								
418-EC3SAW-24S33P	EC3SAW-24S33P	E	9-36V	3.3V	700mA			
418-EC3SAW-24S05P	EC3SAW-24S05P	E	9-36V	5V	600mA			
418-EC3SAW-24S12P	EC3SAW-24S12P	E	9-36V	12V	250mA			
418-EC3SAW-24S15P	EC3SAW-24S15P	E	9-36V	15V	200mA			
418-EC3SAW-48S33P	EC3SAW-48S33P	E	18-75V	3.3V	700mA			
418-EC3SAW-48S05P	EC3SAW-48S05P	E	18-75V	5V	600mA			
418-EC3SAW-48S12P	EC3SAW-48S12P	E	18-75V	12V	250mA			
418-EC3SAW-48S15P	EC3SAW-48S15P	E	18-75V	15V	200mA			
<b>Dual Output</b>								
418-EC3SAW-24D05P	EC3SAW-24D05P	E	9-36V	±5V	±300mA			
418-EC3SAW-24D12P	EC3SAW-24D12P	E	9-36V	±12V	±125mA			
418-EC3SAW-24D15P	EC3SAW-24D15P	E	9-36V	±15V	±100mA			
418-EC3SAW-48D05P	EC3SAW-48D05P	E	18-75V	±5V	±300mA			
418-EC3SAW-48D12P	EC3SAW-48D12P	E	18-75V	±12V	±125mA			
418-EC3SAW-48D15P	EC3SAW-48D15P	E	18-75V	±15V	±100mA			