

# CINCON DC-DC Converters

RoHS Compliant This product is RoHS compliant.



## EC1TAN SERIES, 1W SINGLE OUTPUT

- Features:**
- Isolated Voltage: 1K VDC
  - Low Ripple and Noise
  - Unregulated Outputs
  - Input Voltage Range: ±10%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
418-EC1TA01N	EC1TA01N	A	5V	5V	200mA	7.30	6.80	6.57
418-EC1TA02N	EC1TA02N	A	5V	12V	84mA	7.30	6.80	6.57
418-EC1TA03N	EC1TA03N	A	5V	15V	67mA	7.30	6.80	6.57
418-EC1TA11N	EC1TA11N	A	12V	5V	200mA	7.30	6.80	6.57
418-EC1TA12N	EC1TA12N	A	12V	12V	84mA	7.30	6.80	6.57
418-EC1TA13N	EC1TA13N	A	12V	15V	67mA	7.30	6.80	6.57
418-EC1TA21N	EC1TA21N	A	24V	5V	200mA	7.30	6.80	6.57
418-EC1TA22N	EC1TA22N	A	24V	12V	84mA	7.30	6.80	6.57
418-EC1TA23N	EC1TA23N	A	24V	15V	67mA	7.30	6.80	6.57

## EC1SA SERIES, 1W SINGLE AND DUAL OUTPUT

- Features:**
- Isolated Voltage: 1K VDC
  - Efficiency up to 83%
  - Low Cost
  - Industry Standard SIP and SMD Packages Available
  - Low Ripple and Noise
  - Input Voltage Range: ±10%
  - Unregulated Outputs

For quantities greater than listed, call for quote.

Single Output								
MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	1	10	50
418-EC1SA01N	EC1SA01N	B	5V	5V	200mA	8.62	8.26	7.72
418-EC1SA02N	EC1SA02N	B	5V	12V	84mA	8.62	8.26	7.72
418-EC1SA03N	EC1SA03N	B	5V	15V	67mA	8.62	8.26	7.72
418-EC1SA11N	EC1SA11N	B	12V	5V	200mA	8.62	8.26	7.72
418-EC1SA12N	EC1SA12N	B	12V	12V	84mA	8.62	8.26	7.72
418-EC1SA13N	EC1SA13N	B	12V	15V	67mA	8.62	8.26	7.72
Dual Output								
418-EC1SA04N	EC1SA04N	B	5V	±12V	±42mA	8.62	8.26	7.72
418-EC1SA05N	EC1SA05N	B	5V	±15V	±33mA	8.62	8.26	7.72
418-EC1SA06N	EC1SA06N	B	5V	±5V	±100mA	8.62	8.26	7.72
418-EC1SA14N	EC1SA14N	B	12V	±12V	±42mA	8.62	8.26	7.72
418-EC1SA15N	EC1SA15N	B	12V	±15V	±33mA	8.62	8.26	7.72
418-EC1SA16N	EC1SA16N	B	12V	±5V	±100mA	8.62	8.26	7.72

## EC2A SERIES, 1.5W SINGLE AND DUAL OUTPUT

- Features:**
- Isolated Voltage: 500VDC
  - Pi Input Filter
  - Low Ripple and Noise
  - Regulated Outputs
  - Suffix "M" Models: Black Coated Copper with Non-Conductive Base
  - Input Voltage Range: ±10%

For quantities greater than listed, call for quote.

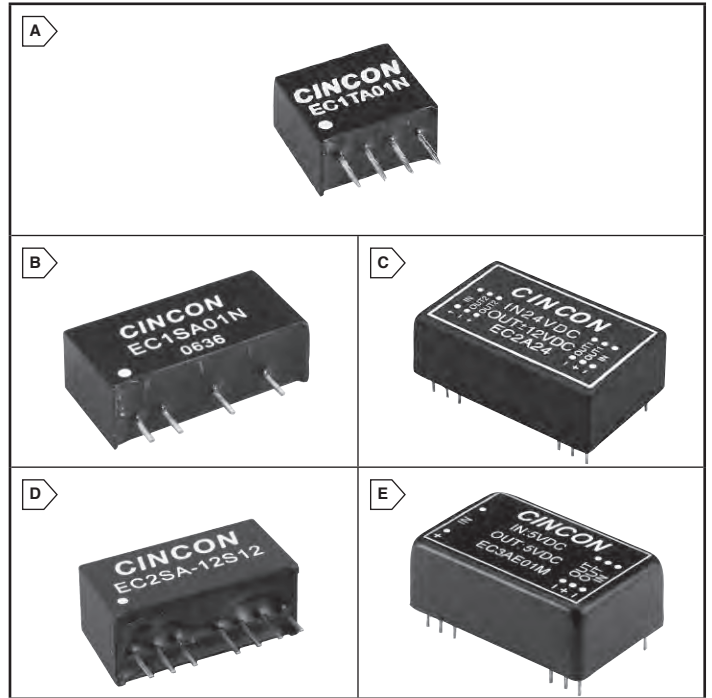
Single Output								
MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	1	10	50
418-EC2A01M	EC2A01M	C	5V	5V	300mA	12.90	12.01	11.28
418-EC2A02M	EC2A02M	C	5V	12V	125mA	12.90	12.01	11.28
418-EC2A03M	EC2A03M	C	5V	15V	100mA	12.90	12.01	11.28
418-EC2A11M	EC2A11M	C	12V	5V	300mA	12.90	12.01	11.28
418-EC2A12M	EC2A12M	C	12V	12V	125mA	12.90	12.01	11.28
418-EC2A13M	EC2A13M	C	12V	15V	100mA	12.90	12.01	11.28
418-EC2A21M	EC2A21M	C	24V	5V	300mA	12.90	12.01	11.28
418-EC2A22M	EC2A22M	C	24V	12V	125mA	12.90	12.01	11.28
418-EC2A23M	EC2A23M	C	24V	15V	100mA	12.90	12.01	11.28
418-EC2A31M	EC2A31M	C	28V	5V	300mA	12.90	12.01	11.28
418-EC2A32M	EC2A32M	C	28V	12V	125mA	12.90	12.01	11.28
418-EC2A33M	EC2A33M	C	28V	15V	100mA	12.90	12.01	11.28
418-EC2A41M	EC2A41M	C	48V	5V	300mA	12.90	12.01	11.28
418-EC2A42M	EC2A42M	C	48V	12V	125mA	12.90	12.01	11.28
418-EC2A43M	EC2A43M	C	48V	15V	100mA	12.90	12.01	11.28
Dual Output								
418-EC2A04M	EC2A04M	C	5V	±12V	±60mA	15.10	14.50	13.59
418-EC2A05M	EC2A05M	C	5V	±15V	±50mA	15.10	14.50	13.59
418-EC2A14M	EC2A14M	C	12V	±12V	±60mA	15.10	14.50	13.59
418-EC2A15M	EC2A15M	C	12V	±15V	±50mA	15.10	14.50	13.59
418-EC2A24M	EC2A24M	C	24V	±12V	±60mA	15.10	14.50	13.59
418-EC2A25M	EC2A25M	C	24V	±15V	±50mA	15.10	14.50	13.59
418-EC2A34M	EC2A34M	C	28V	±12V	±60mA	15.10	14.50	13.59
418-EC2A35M	EC2A35M	C	28V	±15V	±50mA	15.10	14.50	13.59
418-EC2A44M	EC2A44M	C	48V	±12V	±60mA	15.10	14.50	13.59
418-EC2A45M	EC2A45M	C	48V	±15V	±50mA	15.10	14.50	13.59

## EC2A "N" SERIES, 2W SINGLE OUTPUT

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

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
418-EC2SA-05S05N	EC2SA-05S05N	D	4.5-9.0V	5V	400mA	17.47	16.10	14.73
418-EC2SA-05S12N	EC2SA-05S12N	D	4.5-9.0V	12V	167mA	17.47	16.10	14.73
418-EC2SA-12S05N	EC2SA-12S05N	D	9-18.0V	5V	400mA	17.47	16.10	14.73
418-EC2SA-12S12N	EC2SA-12S12N	D	9-18.0V	12V	167mA	17.47	16.10	14.73
418-EC2SA-12S15N	EC2SA-12S15N	D	9-18.0V	15V	134mA	17.47	16.10	14.73
418-EC2SA-24S05N	EC2SA-24S05N	D	18-36.0V	5V	400mA	15.58	14.93	14.60
418-EC2SA-24S12N	EC2SA-24S12N	D	18-36.0V	12V	167mA	15.58	14.93	14.60
418-EC2SA-24S15N	EC2SA-24S15N	D	18-36.0V	15V	134mA	15.58	14.93	14.60
418-EC2SA-48S05N	EC2SA-48S05N	D	36-75.0V	5V	134mA	15.58	14.93	14.60
418-EC2SA-48S12N	EC2SA-48S12N	D	36-75.0V	12V	167mA	15.58	14.93	14.60
418-EC2SA-48S15N	EC2SA-48S15N	D	36-75.0V	15V	134mA	15.58	14.93	14.60



## EC2SA "N" SERIES (CONT.), 2W DUAL OUTPUT

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

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
418-EC2SA-05D05N	EC2SA-05D05N	D	4.5-9.0V	±5V	±200mA	15.44	14.98	14.50
418-EC2SA-05D12N	EC2SA-05D12N	D	4.5-9.0V	±12V	±83mA	15.44	14.98	14.50
418-EC2SA-05D15N	EC2SA-05D15N	D	4.5-9.0V	±15V	±67mA	15.44	14.98	14.50
418-EC2SA-12D05N	EC2SA-12D05N	D	9-18.0V	±5V	±200mA	15.44	14.98	14.50
418-EC2SA-12D12N	EC2SA-12D12N	D	9-18.0V	±12V	±83mA	15.44	14.98	14.50
418-EC2SA-12D15N	EC2SA-12D15N	D	9-18.0V	±15V	±67mA	15.44	14.98	14.50
418-EC2SA-24D15N	EC2SA-24D15N	D	18-36.0V	±15V	±67mA	16.80	16.10	15.75
418-EC2SA-48D05N	EC2SA-48D05N	D	36-75.0V	±5V	±200mA	16.80	16.10	15.75
418-EC2SA-48D12N	EC2SA-48D12N	D	36-75.0V	±12V	±83mA	16.80	16.10	15.75
418-EC2SA-48D15N	EC2SA-48D15N	D	36-75.0V	±15V	±67mA	16.80	16.10	15.75

## EC3AE SERIES, 3W SINGLE AND DUAL OUTPUT

- Features:**
- Isolated Voltage: 500VDC
  - LC Input Filter
  - Low Ripple and Noise
  - 24-Pin DIP Package
  - Standard Models: Black Coated Copper with Non-Conductive Base
  - Input Voltage Range: ±10%
  - Regulated Outputs
  - Efficiency to 61%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
Single Output								
418-EC3AE01M	EC3AE01M	E	5V	5V	600mA	11.96	11.53	10.89
418-EC3AE02M	EC3AE02M	E	5V	12V	250mA	11.96	11.53	10.89
418-EC3AE03M	EC3AE03M	E	5V	15V	200mA	11.96	11.53	10.89
418-EC3AE11M	EC3AE11M	E	12V	5V	600mA	11.96	11.53	10.89
418-EC3AE12M	EC3AE12M	E	12V	12V	250mA	11.96	11.53	10.89
418-EC3AE13M	EC3AE13M	E	12V	15V	200mA	11.96	11.53	10.89
418-EC3AE21M	EC3AE21M	E	24V	5V	600mA	11.96	11.53	10.89
418-EC3AE22M	EC3AE22M	E	24V	12V	250mA	11.96	11.53	10.89
418-EC3AE23M	EC3AE23M	E	24V	15V	200mA	11.96	11.53	10.89
418-EC3AE31M	EC3AE31M	E	28V	5V	600mA	11.96	11.53	10.89
418-EC3AE32M	EC3AE32M	E	28V	12V	250mA	11.96	11.53	10.89
418-EC3AE33M	EC3AE33M	E	28V	15V	200mA	11.96	11.53	10.89
418-EC3AE41M	EC3AE41M	E	48V	5V	600mA	11.96	11.53	10.89
418-EC3AE42M	EC3AE42M	E	48V	12V	250mA	11.96	11.53	10.89
418-EC3AE43M	EC3AE43M	E	48V	15V	200mA	11.96	11.53	10.89
Dual Output								
418-EC3AE04M	EC3AE04M	E	5V	±12V	±125mA	13.47	12.99	12.27
418-EC3AE05M	EC3AE05M	E	5V	±15V	±100mA	13.47	12.99	12.27
418-EC3AE14M	EC3AE14M	E	12V	±12V	±125mA	13.47	12.99	12.27
418-EC3AE15M	EC3AE15M	E	12V	±15V	±100mA	13.47	12.99	12.27
418-EC3AE24M	EC3AE24M	E	24V	±12V	±125mA	13.47	12.99	12.27
418-EC3AE25M	EC3AE25M	E	24V	±15V	±100mA	13.47	12.99	12.27
418-EC3AE34M	EC3AE34M	E	28V	±12V	±125mA	13.47	12.99	12.27
418-EC3AE35M	EC3AE35M	E	28V	±15V	±100mA	13.47	12.99	12.27
418-EC3AE44M	EC3AE44M	E	48V	±12V	±125mA	13.47	12.99	12.27
418-EC3AE45M	EC3AE45M	E	48V	±15V	±100mA	13.47	12.99	12.27