

CINCON DC-DC Converters



RoHS Compliant This product is RoHS compliant.



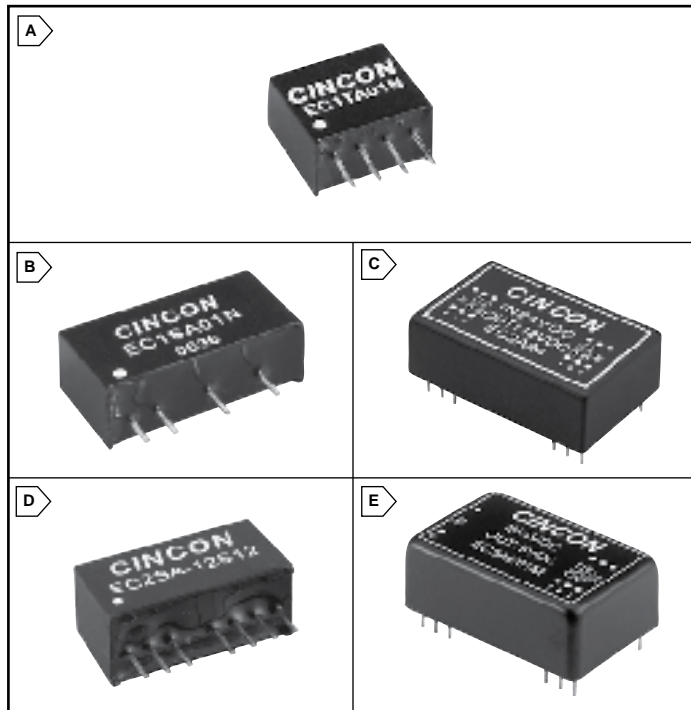
EC1TAN SERIES, 1W SINGLE OUTPUT

Features:

- Isolated Voltage: 1K VDC
- Low Ripple and Noise
- Unregulated Outputs
- Input Voltage Range: $\pm 10\%$

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
418-EC1TA01N	EC1TA01N	A	5V	5V	200mA			
418-EC1TA02N	EC1TA02N	A	5V	12V	84mA			
418-EC1TA03N	EC1TA03N	A	5V	15V	67mA			
418-EC1TA11N	EC1TA11N	A	12V	5V	200mA			
418-EC1TA12N	EC1TA12N	A	12V	12V	84mA			
418-EC1TA13N	EC1TA13N	A	12V	15V	67mA			
418-EC1TA21N	EC1TA21N	A	24V	5V	200mA			
418-EC1TA22N	EC1TA22N	A	24V	12V	84mA			
418-EC1TA23N	EC1TA23N	A	24V	24V	67mA			



EC1SA SERIES, 1W SINGLE AND DUAL OUTPUT

Features:

- Isolated Voltage: 1K VDC
- Efficiency up to 82%
- Low Ripple and Noise
- Industry Standard SIP and SMD Packages Available
- Low Cost
- Input Voltage Range: $\pm 10\%$
- Unregulated Outputs

For quantities of 100 and up, call for quote.

Single Output						
418-EC1SA01N	EC1SA01N	B	5V	5V	200mA	
418-EC1SA02N	EC1SA02N	B	5V	12V	84mA	
418-EC1SA03N	EC1SA03N	B	5V	15V	67mA	
418-EC1SA11N	EC1SA11N	B	12V	5V	200mA	
418-EC1SA12N	EC1SA12N	B	12V	12V	84mA	
418-EC1SA13N	EC1SA13N	B	12V	15V	67mA	
Dual Output						
418-EC1SA04N	EC1SA04N	B	5V	$\pm 12V$	$\pm 42mA$	
418-EC1SA05N	EC1SA05N	B	5V	$\pm 15V$	$\pm 33mA$	
418-EC1SA06N	EC1SA06N	B	5V	$\pm 5V$	$\pm 100mA$	
418-EC1SA14N	EC1SA14N	B	12V	$\pm 12V$	$\pm 42mA$	
418-EC1SA15N	EC1SA15N	B	12V	$\pm 15V$	$\pm 33mA$	
418-EC1SA16N	EC1SA16N	B	12V	$\pm 5V$	$\pm 100mA$	



EC2A SERIES, 1.5W SINGLE AND DUAL OUTPUT

Features:

- Isolated Voltage: 500VDC
- Pi Input Filter
- Input Voltage Range: $\pm 10\%$
- 24-Pin DIP Package
- Low Ripple and Noise
- Regulated Outputs
- Suffix "M" Models: Black Coated
- 50% Efficiency
- Copper with Non-Conductive Base

For quantities of 100 and up, call for quote.

Single Output						
418-EC2A01M	EC2A01M	C	5V	5V	300mA	
418-EC2A02M	EC2A02M	C	5V	12V	125mA	
418-EC2A03M	EC2A03M	C	5V	15V	100mA	
418-EC2A11M	EC2A11M	C	12V	5V	300mA	
418-EC2A12M	EC2A12M	C	12V	12V	125mA	
418-EC2A13M	EC2A13M	C	12V	15V	100mA	
418-EC2A21M	EC2A21M	C	24V	5V	300mA	
418-EC2A22M	EC2A22M	C	24V	12V	125mA	
418-EC2A23M	EC2A23M	C	24V	15V	100mA	
418-EC2A31M	EC2A31M	C	28V	5V	300mA	
418-EC2A32M	EC2A32M	C	28V	12V	125mA	
418-EC2A33M	EC2A33M	C	28V	15V	100mA	
418-EC2A41M	EC2A41M	C	48V	5V	300mA	
418-EC2A42M	EC2A42M	C	48V	12V	125mA	
418-EC2A43M	EC2A43M	C	48V	15V	100mA	
Dual Output						
418-EC2A04M	EC2A04M	C	5V	$\pm 12V$	$\pm 60mA$	
418-EC2A05M	EC2A05M	C	5V	$\pm 15V$	$\pm 50mA$	
418-EC2A14M	EC2A14M	C	12V	$\pm 12V$	$\pm 60mA$	
418-EC2A15M	EC2A15M	C	12V	$\pm 15V$	$\pm 50mA$	
418-EC2A24M	EC2A24M	C	24V	$\pm 12V$	$\pm 60mA$	
418-EC2A25M	EC2A25M	C	24V	$\pm 15V$	$\pm 50mA$	
418-EC2A34M	EC2A34M	C	28V	$\pm 12V$	$\pm 60mA$	
418-EC2A35M	EC2A35M	C	28V	$\pm 15V$	$\pm 50mA$	
418-EC2A44M	EC2A44M	C	48V	$\pm 12V$	$\pm 60mA$	
418-EC2A45M	EC2A45M	C	48V	$\pm 15V$	$\pm 50mA$	



EC2SA SERIES, 2W SINGLE OUTPUT

Features:

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

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
418-EC2SA-05S33	EC2SA-05S33	D	4.5-9.0V	3.3V	500mA			
418-EC2SA-05S05	EC2SA-05S05	D	4.5-9.0V	5V	400mA			
418-EC2SA-05S12	EC2SA-05S12	D	4.5-9.0V	12V	167mA			
418-EC2SA-05S15	EC2SA-05S15	D	4.5-9.0V	15V	134mA			
418-EC2SA-12S33	EC2SA-12S33	D	9-18V	3.3V	500mA			
418-EC2SA-12S05	EC2SA-12S05	D	9-18V	5V	400mA			
418-EC2SA-12S12	EC2SA-12S12	D	9-18V	12V	167mA			
418-EC2SA-12S15	EC2SA-12S15	D	9-18V	15V	134mA			
418-EC2SA-24S33	EC2SA-24S33	D	18-36V	3.3V	500mA			
418-EC2SA-24S05	EC2SA-24S05	D	18-36V	5V	400mA			
418-EC2SA-24S12	EC2SA-24S12	D	18-36V	12V	167mA			
418-EC2SA-24S15	EC2SA-24S15	D	18-36V	15V	134mA			
418-EC2SA-48S33	EC2SA-48S33	D	36-75V	3.3V	500mA			
418-EC2SA-48S05	EC2SA-48S05	D	36-75V	5V	400mA			
418-EC2SA-48S12	EC2SA-48S12	D	36-75V	12V	167mA			
418-EC2SA-48S15	EC2SA-48S15	D	36-75V	15V	134mA			



EC2SA SERIES (CONT.), 2W DUAL OUTPUT

Features:

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

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
418-EC2SA-05D05	EC2SA-05D05	D	4.5-9.0V	$\pm 5V$	$\pm 200mA$			
418-EC2SA-05D12	EC2SA-05D12	D	4.5-9.0V	$\pm 12V$	$\pm 83mA$			
418-EC2SA-05D15	EC2SA-05D15	D	4.5-9.0V	$\pm 15V$	$\pm 67mA$			
418-EC2SA-12D05	EC2SA-12D05	D	9-18V	$\pm 5V$	$\pm 200mA$			
418-EC2SA-12D12	EC2SA-12D12	D	9-18V	$\pm 12V$	$\pm 83mA$			
418-EC2SA-12D15	EC2SA-12D15	D	9-18V	$\pm 15V$	$\pm 67mA$			
418-EC2SA-24D05	EC2SA-24D05	D	18-36V	$\pm 5V$	$\pm 200mA$			
418-EC2SA-24D12	EC2SA-24D12	D	18-36V	$\pm 12V$	$\pm 83mA$			
418-EC2SA-24D15	EC2SA-24D15	D	18-36V	$\pm 15V$	$\pm 67mA$			
418-EC2SA-48D05	EC2SA-48D05	D	36-75V	$\pm 5V$	$\pm 200mA$			
418-EC2SA-48D12	EC2SA-48D12	D	36-75V	$\pm 12V$	$\pm 83mA$			
418-EC2SA-48D15	EC2SA-48D15	D	36-75V	$\pm 15V$	$\pm 67mA$			



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
- Input Voltage Range: $\pm 10\%$
- Regulated Outputs
- Copper with Non-Conductive Base
- Efficiency to 61%

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
Single Output								
418-EC3AE01M	EC3AE01M	E	5V	5V	600mA			
418-EC3AE02M	EC3AE02M	E	5V	12V	250mA			
418-EC3AE03M	EC3AE03M	E	5V	15V	200mA			
418-EC3AE11M	EC3AE11M	E	12V	5V	600mA			
418-EC3AE12M	EC3AE12M	E	12V	12V	250mA			
418-EC3AE13M	EC3AE13M	E	12V	15V	200mA			
418-EC3AE21M	EC3AE21M	E	24V	5V	600mA			
418-EC3AE22M	EC3AE22M	E	24V	12V	250mA			
418-EC3AE23M	EC3AE23M	E	24V	15V	200mA			
418-EC3AE31M	EC3AE31M	E	28V	5V	600mA			
418-EC3AE32M	EC3AE32M	E	28V	12V	250mA			
418-EC3AE33M	EC3AE33M	E	28V	15V	200mA			
418-EC3AE41M	EC3AE41M	E	48V	5V	600mA			
418-EC3AE42M	EC3AE42M	E	48V	12V	250mA			
418-EC3AE43M	EC3AE43M	E	48V	15V	200mA			
Dual Output								
418-EC3AE04M	EC3AE04M	E	5V	$\pm 12V$	$\pm 125mA$			
418-EC3AE05M	EC3AE05M	E	5V	$\pm 15V$	$\pm 100mA$			
418-EC3AE14M	EC3AE14M	E	12V	$\pm 12V$	$\pm 125mA$			
418-EC3AE15M	EC3AE15M	E	12V	$\pm 15V$	$\pm 100mA$			
418-EC3AE24M	EC3AE24M	E	24V	$\pm 12V$	$\pm 125mA$			
418-EC3AE25M	EC3AE25M	E	24V	$\pm 15V$	$\pm 100mA$			
418-EC3AE34M	EC3AE34M	E	28V	$\pm 12V$	$\pm 125mA$			
418-EC3AE35M	EC3AE35M	E	28V	$\pm 15V$	$\pm 100mA$			
418-EC3AE44M	EC3AE44M	E	48V	$\pm 12V$	$\pm 125mA$			
418-EC3AE45M	EC3AE45M	E	48V	$\pm 15V$	$\pm 100mA$			