

GE ENERGY DC-DC Converters and Filter Modules



This product is RoHS compliant.

DIMENSIONS: mm (in.)

Features

A = Analog interface	R = Auto Restart
D = Digital interface	S = Sequencing
H = Heat plate	T = Tunable Loop™
P = Paralleling	U = rUggedized

1x1 Package • Low output ripple and noise • Output overcurrent/voltage protection • Temperature range (-40°C to 85°C) **For quantities greater than listed, call for quote.**

MOUSER STOCK NO.	GE Energy Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Efficiency	On/Off Logic	Package Type	Features	Price Each		
										1	10	50
894-SC003A5F91Z	SC003A5F91Z	A	24V (18-36VDC)	3.3V	3.5A	86%	Negative	TH	Trim Pin	25.90	24.15	21.35
894-SC003A0A91Z	SC003A0A91Z	A	24V (18-36VDC)	5V	3.0A	86%	Negative	TH	Trim Pin	25.90	24.15	21.35
894-SC001A2B91-SRZ	SC001A2B91-SRZ	B	24V (18-36VDC)	12V	1.2A	86%	Negative	SMT	Trim Pin	25.90	24.15	21.35
894-SW003A5F91Z	SW003A5F91Z	A	48V (36-75VDC)	3.3V	3.5A	85%	Negative	TH	Trim Pin	25.90	24.15	21.35
894-SW003A5F91-SRZ	SW003A5F91-SRZ	A	48V (36-75VDC)	3.3V	3.5A	86%	Negative	SMT	Trim Pin	25.90	24.15	21.35
894-SW003A0A91Z	SW003A0A91Z	A	48V (36-75VDC)	5V	3.0A	86%	Negative	TH	Trim Pin	25.90	24.15	21.35
894-SW003A0A91-SRZ	SW003A0A91-SRZ	A	48V (36-75VDC)	5V	3.0A	86%	Negative	SMT	Trim Pin	25.90	24.15	21.35
894-SW001A2B91Z	SW001A2B91Z	A	48V (36-75VDC)	12V	1.25A	87%	Negative	TH	Trim Pin	25.90	24.15	21.35

HC/HW Series 1x2 Package • Overcurrent, over voltage over temperature protection

MOUSER STOCK NO.	GE Energy Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Efficiency	On/Off Logic	Package Type	Features	1	10	50
894-HC004A0A1-SZ	HC004A0A1-SZ	C	24V (18-36VDC)	5V	4A	89%	Negative	SMT	-	37.00	34.50	30.50
894-HC006A6A1Z	HC006A6A1Z	C	24V (18-36VDC)	5V	6.6A	90%	Negative	TH	3.68mm Pin	47.50	44.70	39.10
894-HW004A0A1-SZ	HW004A0A1-SZ	D	48V (36-75VDC)	5V	4A	89%	Negative	SMT	-	37.00	34.50	30.50
894-HW006A6A1-SZ	HW006A6A1-SZ	D	48V (36-75VDC)	5V	6.6A	91%	Negative	SMT	3.68mm Pin	47.50	44.70	39.10

BARRACUDA SERIES FULLY REGULATED BUS CONVERTERS

Analog - Eighth Brick

MOUSER STOCK NO.	GE Energy Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Efficiency	On/Off Logic	Package Type	Features	1	10	50
894-EBVW020A0B1Z	EBVW020A0B1Z	E	48V (36-75VDC)	12V	20A	95.2%	Negative	TH	A	67.30	60.30	56.30
894-EBVW020A0B41-HZ	EBVW020A0B41-HZ	E	48V (36-75VDC)	12V	20A	95.2%	Negative	TH	A, H, R	64.97	60.30	57.48
894-EBVW025A0B41Z	EBVW025A0B41Z	E	48V (36-75VDC)	12V	25A	94.7%	Negative	TH	A, R	68.57	65.30	57.40
894-EBVW025A0B41-HZ	EBVW025A0B41-HZ	E	48V (36-75VDC)	12V	25A	94.7%	Negative	TH	A, H, R	72.39	69.00	60.60

Digital - Eighth Brick

MOUSER STOCK NO.	GE Energy Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Efficiency	On/Off Logic	Package Type	Features	1	10	50
894-EBDW020A0B41Z	EBDW020A0B41Z	E	48V (36-75VDC)	12V	20A	94.8%	Negative	TH	D, R	78.40	74.35	64.23
894-EBDW020A0B41-HZ	EBDW020A0B41-HZ	E	48V (36-75VDC)	12V	20A	94.8%	Negative	TH	D, H, R	80.40	76.35	66.23

Analog - Quarter-Brick

MOUSER STOCK NO.	GE Energy Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Efficiency	On/Off Logic	Package Type	Features	1	10	50
894-QBVW025A0B41Z	QBVW025A0B41Z	F	48V (36-75VDC)	12V	25A	96%	Negative	TH	A, R	73.00	69.20	61.05
894-QBVW025A0B41-HZ	QBVW025A0B41-HZ	F	48V (36-75VDC)	12V	25A	96%	Negative	TH	A, H, R	75.00	71.20	63.05
894-QBVW033A0B41Z	QBVW033A0B41Z	D	48V (36-75VDC)	12V	33A	95.5%	Negative	TH	A, R	76.00	72.20	64.05
894-QBVW033A0B41-HZ	QBVW033A0B41-HZ	D	48V (36-75VDC)	12V	33A	95.5%	Negative	TH	A, H, R	78.00	74.20	66.05
894-QBVW033A0B641-HZ	QBVW033A0B641-HZ	D	48V (36-75VDC)	12V	33A	95.5%	Negative	TH	A, H, R, 3.68mm Pin	79.00	75.20	67.05
894-QBVW033A0B41-PHZ	QBVW033A0B41-PHZ	D	48V (36-75VDC)	12V	33A	95.5%	Negative	TH	A, H, P, R	83.50	79.70	71.55

Digital - Quarter-Brick

MOUSER STOCK NO.	GE Energy Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Efficiency	On/Off Logic	Package Type	Features	1	10	50
894-QBDW025A0B41Z	QBDW025A0B41Z	F	48V (36-75 Vdc)	12V	25A	95.9%	Negative	TH	D, R	82.58	76.63	73.00
894-QBDW033A0B41Z	QBDW033A0B41Z	D	48V (36-75 Vdc)	12V	33A	95%	Negative	TH	D, R	81.00	78.60	70.20
894-QBDW033A0B41-HZ	QBDW033A0B41-HZ	D	48V (36-75 Vdc)	12V	33A	95%	Negative	TH	D, H, R	84.75	82.00	72.50

MOUSER STOCK NO.	GE Energy Part No.	Fig.	Description	Price Each		
				1	10	50
894-DIGITPOLEVALKIT	DIGITAL_POL_EVAL_KIT	-	Digital POL Eval Kit	123.20	121.35	118.00

FILTER MODULES

Filter Modules are designed to reduce the conducted common-mode and differential-mode noise on input or output lines of high-frequency switching power supplies.

Features:

- IPrinted-circuit board mountable
- Optimized for use with high-frequency DC-DC power modules
- Operating case temperature range: -40°C to +100°C

Filter Module

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	GE Energy Part No.	Fig.	Input Volt. max.	Output Current	Price Each		
					1	10	50
894-FLTR75V05Z	FLTR75V05Z	G	75VDC	5A	17.00	16.00	14.15
894-FLTR100V10Z	FLTR100V10Z	H	75VDC	10A	18.80	17.68	15.48
894-FLTR100V20Z	FLTR100V20Z	I	75VDC	20A	28.10	26.65	23.58

Input Filter Modules

MOUSER STOCK NO.	GE Energy Part No.	Fig.	Input Volt. max.	Output Current	Price Each		
					1	10	50
894-FLT007A0Z	FLT007A0Z	J	75VDC	7A	11.90	11.50	10.90
894-FLT007A0-SRZ	FLT007A0-SRZ	J	75VDC	7A	11.90	11.50	10.90
894-FLT012A0Z	FLT012A0Z	K	75VDC	12A	12.00	10.80	9.90
894-FLT012A0-SZ	FLT012A0-SZ	K	75VDC	12A	12.00	10.80	9.90

ATCA Board Power Input Modules

Features:

- Inrush protection/hot swap capability
- Integral EMI filter designed for ATCA board to meet CISPR Class B
- Protection: under voltage, input transient over voltage, over current & over temperature

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	GE Energy Part No.	Fig.	Input Voltage	Auxiliary Power Rating	Auxiliary Output Voltage	Auxiliary Output Current	Package Type	Price Each		
								1	10	50
894-PIM300FZ	PIM300FZ	L	-38 to -75VDC	300W	3.3VDC	2.4A	Through Hole	87.60	82.45	73.45
894-PIM300AZ	PIM300AZ	L	-38 to -75VDC	300W	5.0VDC	1.6A	Through Hole	87.60	82.45	73.45

