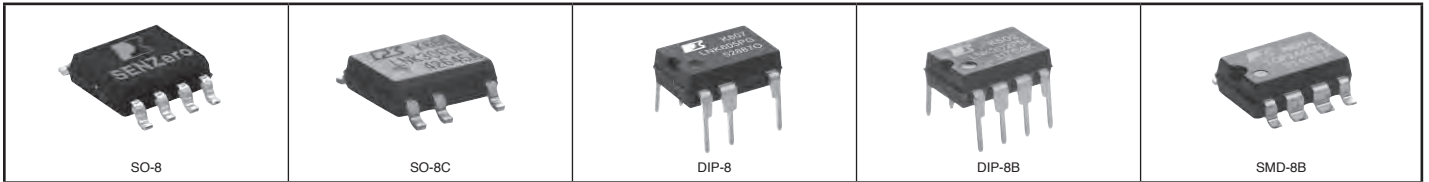


# POWER INTEGRATIONS AC-DC Power Conversion



Products may be RoHS compliant. Check mouser.com for RoHS status.



## SENZERO® FAMILY - ZERO1 LOSS, AUTOMATIC X CAPACITOR DISCHARGE IC

**Features:**

- Eliminates significant standby losses
- Provides remote disconnect functionality
- Ultra low leakage
- Triggerable via remote-off signal/load conditions
- Withstands high differential surge conditions
- ACDC converters with high-voltage resistive signal paths

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Power Integrations Part No.	Package	Integrated Disconnect MOSFETs	Power Consumption (230VAC) (mW)	Bias Req'd	Price Each		
						1	25	100
869-SEN012DG	SEN012DG	SO-8	2	<1	No	.71	.625	.50
869-SEN013DG	SEN013DG	SO-8	3	<1.5	No	.90	.75	.60

## LINKZERO FAMILY

Zero No-Load Consumption Integrated Off-Line Switcher

**Features:**

- Automatically enters zero input power mode when load is disconnected
- Detects load reconnection and automatically restarts regulation
- Suitable for low-cost clampless designs
- Universal input range allows worldwide operation
- Simple ON/OFF control, no loop compensation needed
- No-load consumption as low as 4mW at 230VAC input (IEC 62301 Clause 4.5 rounds standby power use below 5mW to zero.)
- Easily meets all global energy efficiency regulations with no added components

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Power Integrations Part No.	Package	Output Power (W)	Bypass Pin Voltage	Duty Cycle Max. (%)	Price Each			
						1	25	100	250
<b>LinkZero-LP</b>									
869-LNK574DG	LNK574DG	SO-8C	3	9	63	.67	.537	.42	.399
<b>LinkZero-AX</b>									
869-LNK584DG	LNK584DG	SO-8C	3	9	63	.96	.80	.64	.48

## VERY LOW POWER AC-DC POWER CONVERSION (UP TO 6W)

**LinkSwitch-CV**

**Features:**

- Eliminates optocoupler and all secondary CV control circuitry
- Eliminates bias winding supply -IC is self biasing
- Compensates for external component temperature variations
- Tight IC parameter tolerances
- Continuous and/or discontinuous mode operation
- Frequency jittering
- Auto-restart protection
- Hysteric thermal shutdown
- No load power consumption

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Power Integrations Part No.	Package	Continuous Output Power				HV-FET Rating	Switching Frequency	Control Method	Frequency Jitter	Bias Req'd	Adjust. I-Lim	Price Each		
			230VAC ±15%/Open		85-265VAC/Open								1	25	100
			Adapter	Frame	Adapter	Frame									
551-LNK623PG	LNK623PG	DIP-8	6.5W	9.0W	5.0W	6.0W	700	100kHz	ON/OFF	Yes	No	1.44	1.20	.96	
551-LNK623DG	LNK623DG	SO-8C	6.5W	9.0W	5.0W	6.0W	700	100kHz	ON/OFF	Yes	No	1.41	1.18	.90	
551-LNK625PG	LNK625PG	DIP-8	8.0W	13.5W	6.5W	8.0W	700	100kHz	ON/OFF	Yes	No	1.35	1.08	.81	
551-LNK625DG	LNK625DG	SO-8C	8.0W	13.5W	6.5W	8.0W	700	100kHz	ON/OFF	Yes	No	1.28	1.02	.77	
551-LNK626PG	LNK626PG	DIP-8	10.5W	17.0W	8.5W	10.0W	700	100kHz	ON/OFF	Yes	No	1.40	1.12	.84	

## LinkSwitch-XT

**Features:**

- Self Powered (LP and XT Series only)
- Auto Restart
- EcoSmart® Low Standby/No-Load Power Consumption
- Power Limiting
- Remote ON/OFF (LP and XT Series only)
- Thermal Shutdown - Hysteresis

For quantities greater than listed, call for quote.

869-LNK362DN	LNK362DN	SO-8C	2.8W	2.8W	2.6W	2.8W	700V	132	ON/OFF	Yes	No	No	1.15	.95	.75
869-LNK363DN	LNK363DN	SO-8C	5W	7.5W	3.7W	4.7W	700V	132	ON/OFF	Yes	No	No	1.36	1.15	.89

## LinkSwitch-LP

For quantities greater than listed, call for quote.

869-LNK562DN	LNK562DN	SO-8C	1.9W	1.9W	1.9W	1.9W	700V	66	ON/OFF	Yes	No	No	1.06	.878	.693
869-LNK564DN	LNK564DN	SO-8C	3W	3W	3W	3W	700V	100	ON/OFF	Yes	No	No	1.12	.926	.731

## VERY LOW POWER AC-DC, NON-ISOLATED LINEAR/PASSIVE SUPPLY REPLACEMENT (≤ 360MA)

**LinkSwitch-TN**

**Features:**

- Self Powered
- Remote ON/OFF
- Auto Restart
- Power Limiting
- EcoSmart® Low Standby/No-Load Power Consumption
- Thermal Shutdown - Hysteresis

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Power Integrations Part No.	Package	Output Current				HV-FET Rating	Switching Frequency	Control Method	Frequency Jitter	Bias Req'd	Adjust. I-Lim	Price Each		
			230VAC ±15%		85-265VAC								1	25	100
			MDCM	CCM	MDCM	CCM									
869-LNK302PN	LNK302PN	DIP-8B	63mA	80mA	63mA	80mA	700V	66kHz	ON/OFF	Yes	No	No	1.98	.85	.68
869-LNK302GN	LNK302GN	SMD-8B	63mA	80mA	63mA	80mA	700V	66kHz	ON/OFF	Yes	No	No	1.15	.96	.74
869-LNK304PN	LNK304PN	DIP-8B	120mA	170mA	120mA	170mA	700V	66kHz	ON/OFF	Yes	No	No	1.21	.98	.79
869-LNK304GN	LNK304GN	SMD-8B	120mA	170mA	120mA	170mA	700V	66kHz	ON/OFF	Yes	No	No	1.23	1.02	.82
869-LNK305GN	LNK305GN	DIP-8B	175mA	360mA	175mA	360mA	700V	66kHz	ON/OFF	Yes	No	No	1.47	1.25	.97
869-LNK306PN	LNK306PN	SMD-8B	225mA	360mA	225mA	360mA	700V	66kHz	ON/OFF	Yes	No	No	1.37	1.10	.85
869-LNK302DN	LNK302DN	SO-8C	63mA	80mA	63mA	80mA	700V	66kHz	ON/OFF	Yes	No	No	1.28	1.07	.94
869-LNK304DN	LNK304DN	SO-8C	120mA	170mA	120mA	170mA	700V	66kHz	ON/OFF	Yes	No	No	1.46	1.27	1.08
869-LNK305DN	LNK305DN	SO-8C	175mA	280mA	175mA	280mA	700V	66kHz	ON/OFF	Yes	No	No	1.51	1.25	1.05
869-LNK306DN	LNK306DN	SO-8C	225mA	360mA	225mA	360mA	700V	66kHz	ON/OFF	Yes	No	No	1.71	1.46	1.11

## LOW POWER AC-DC POWER CONVERSION

**TinySwitch II (Up to 23W)**

**Features:**

- S- Self Powered
- Auto Restart
- Remote On/Off
- Power Limiting
- EcoSmart® Low Standby, No-Load Power Consumption
- Thermal Shutdown - Hysteresis
- HV-FET Rating: 700V
- Control Method: On/Off
- Bias Not Required
- Frequency Jitter

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mfr.	Mfr. Part No.	Package	Continuous Output Power				Switching Freq. (kHz)	Adjust. I-Lim	Price Each		
				230VAC ±15%/Open		85-265VAC/Open				1	25	100
				Adapter	Frame	Adapter	Frame					
869-TNY263GN			SMD-8B	5W	7.5W	3.7W	4.7W	132	No	1.31	1.15	.98
869-TNY264PN			DIP-8B	5.5W	9W	4W	6W	132	No	1.61	1.39	1.11
869-TNY264GN			SMD-8B	5.5W	9W	4W	6W	132	No	1.38	1.15	.88
869-TNY265GN			SMD-8B	8.5W	11W	5.5W	7.5W	132	No	1.35	1.15	.97
869-TNY266PN			DIP-8B	10W	15W	6W	9.5W	132	No	1.68	1.37	1.10
869-TNY266GN			SMD-8B	10W	15W	6W	9.5W	132	No	1.48	1.23	.98