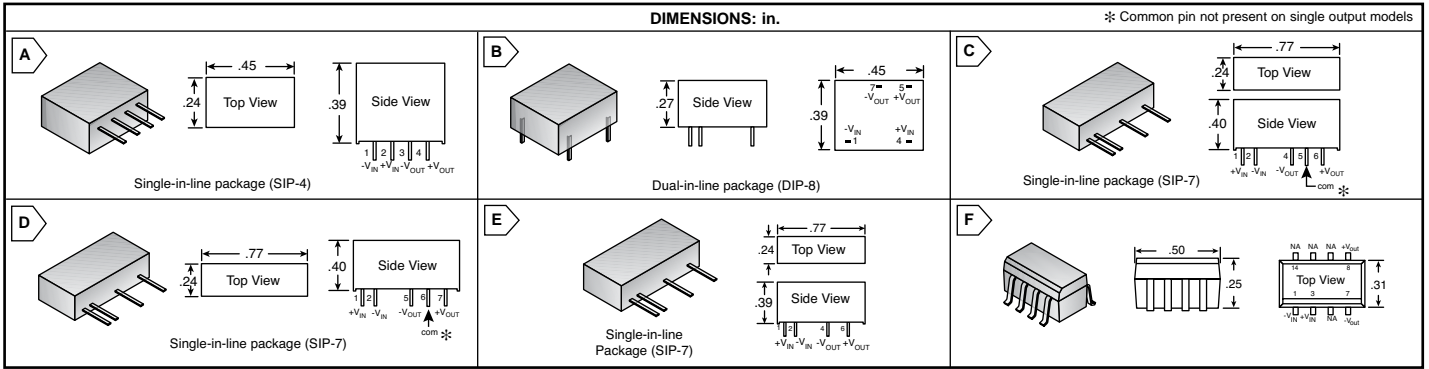


MURATA POWER SOLUTIONS DC-DC Converters



LME SERIES, 250MW SINGLE OUTPUT

The LME series of DC-DC converters are optimized for low-power operation. They are ideally suited to generating a negative supply where only a positive rail exists.

- RoHS Compliant
- 1kVDC isolation
- Efficiency to 75%
- SIP & DIP package styles
- No heatsink required
- Single output rail
- Fully encapsulated



For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	Input Volts	Output Volts	Io (mA)	Price Each			
						1	5	10	25
SIP									
580-LME0305SC	LME0305SC	A	3.3	5	50				
580-LME0505SC	LME0505SC	A	5	5	50				
580-LME0512SC	LME0512SC	A	5	12	21				
580-LME1205SC	LME1205SC	A	12	5	50				
580-LME1212SC	LME1212SC	A	12	12	21				
580-LME1215SC	LME1215SC	A	12	15	16				
DIP									
580-LME0505DC	LME0505DC	B	5	5	50				
580-LME0509DC	LME0509DC	B	5	9	28				
580-LME0512DC	LME0512DC	B	5	12	21				
580-LME1205DC	LME1205DC	B	12	5	50				
580-LME1212DC	LME1212DC	B	12	12	21				

HPR1XX SERIES, 750MW SINGLE AND DUAL OUTPUT

- RoHS compliant
- Efficiency to 79%
- Internal input and output filtering
- Non-conductive case
- -40°C to +100°C operation
- High output power density: 10W/in³
- 750VDC isolation
- SIP Packaging



Other package styles available. Contact a mouser representative.

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	Input Volts	Output Volts	Io (mA)	Price Each			
						1	5	10	25
Single Output									
580-HPR100C	HPR100C	C	5	5	150				
580-HPR101C	HPR101C	C	5	12	62				
580-HPR102C	HPR102C	C	5	15	50				
580-HPR107C	HPR107C	C	12	12	62				
580-HPR112C	HPR112C	C	15	5	150				
580-HPR118C	HPR118C	C	24	5	150				
580-HPR120C	HPR120C	C	24	15	50				
Dual Output									
580-HPR103C	HPR103C	C	5	±5	±75				
580-HPR104C	HPR104C	C	5	±12	±30				
580-HPR105C	HPR105C	C	5	±15	±25				
580-HPR110C	HPR110C	C	12	±12	±30				
580-HPR111C	HPR111C	C	12	±15	±25				
580-HPR117C	HPR117C	C	15	±15	±25				
580-HPR123C	HPR123C	C	24	±15	±25				

HPR4XX SERIES, 750MW SINGLE OUTPUT

The HPR4XX Series uses advanced circuit design and packaging technology to realize superior reliability and performance. This series provides high isolation in a very small package.

- 3kVDC isolation
- Efficiency to 79%
- Internal input and output filtering
- SIP Packaging
- Non-conductive case
- High output power density: 10W/in³
- -40°C to +100°C operation
- RoHS compliant



For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	Input Volts	Output Volts	Io (mA)	Price Each			
						1	5	10	25
580-HPR400C	HPR400C	D	5	5	150				
580-HPR402C	HPR402C	D	5	15	50				
580-HPR407C	HPR407C	D	12	12	62				
580-HPR414C	HPR414C	D	15	15	50				
580-HPR418C	HPR418C	D	24	5	150				

NME SERIES, 1W SINGLE OUTPUT

This series is particularly suited to isolating and/or converting DC power rails.

- RoHS Compliant
- 1kVDC isolation
- Efficiency to 80%
- UL 94V-0 package material
- No heatsink required
- Toroidal magnetics
- Fully encapsulated



For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	Input Volts	Output Volts	Io (mA)	Price Each			
						1	5	10	25
SIP									
580-NME0505SC	NME0505SC	A	5	5	200				
580-NME0509SC	NME0509SC	A	5	9	111				
580-NME0512SC	NME0512SC	A	5	12	83				
580-NME0515SC	NME0515SC	A	5	15	66				
580-NME0524SC	NME0524SC	A	5	24	42				
580-NME1205SC	NME1205SC	A	12	5	200				
580-NME1209SC	NME1209SC	A	12	9	111				
580-NME1212SC	NME1212SC	A	12	12	83				
580-NME1215SC	NME1215SC	A	12	15	66				
580-NME2405SC	NME2405SC	A	24	5	200				
580-NME2412SC	NME2412SC	A	24	12	83				
580-NME2415SC	NME2415SC	A	24	15	66				
DIP									
580-NME0505DC	NME0505DC	B	5	5	200				
580-NME0512DC	NME0512DC	B	5	12	83				
580-NME0515DC	NME0515DC	B	5	15	66				
580-NME0524DC	NME0524DC	B	5	24	42				
580-NME1205DC	NME1205DC	B	12	5	200				
580-NME1212DC	NME1212DC	B	12	12	83				
580-NME1215DC	NME1215DC	B	12	15	66				
580-NME2405DC	NME2405DC	B	24	5	200				
580-NME2412DC	NME2412DC	B	24	12	83				
580-NME2415DC	NME2415DC	B	24	15	66				

NMR SERIES, 1W SINGLE OUTPUT

- RoHS Compliant
- 1kVDC isolation
- Efficiency to 80%
- UL 94V-0 package material
- No heatsink required
- Toroidal magnetics



For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	Input Volts	Output Volts	Io (mA)	Price Each			
						1	5	10	25
580-NMR100C	NMR100C	E	5	5	200				
580-NMR101C	NMR101C	E	5	12	83				
580-NMR102C	NMR102C	E	5	15	67				
580-NMR106C	NMR106C	E	12	5	200				
580-NMR107C	NMR107C	E	12	12	83				
580-NMR108C	NMR108C	E	12	15	67				
580-NMR114C	NMR114C	E	15	15	67				
580-NMR118C	NMR118C	E	24	5	200				
580-NMR119C	NMR119C	E	24	12	83				

NTE SERIES, SMT 1W SINGLE OUTPUT

- RoHS Compliant
- 1kVDC isolation
- Efficiency to 78%
- Fully encapsulated
- Surface Mount
- UL 94V-0 package material
- No heatsink required
- Toroidal magnetics



For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	Input Volts	Output Volts	Io (mA)	Price Each			
						1	5	10	25
580-NTE0303MC	NTE0303MC	F	3.3	3.3	303				
580-NTE0305MC	NTE0305MC	F	3.3	5	200				
580-NTE0503MC	NTE0503MC	F	5	3.3	303				
580-NTE0505MC	NTE0505MC	F	5	5	200				
580-NTE0506MC	NTE0506MC	F	5	6	167				
580-NTE0509MC	NTE0509MC	F	5	9	111				
580-NTE0512MC	NTE0512MC	F	5	12	83				
580-NTE0515MC	NTE0515MC	F	5	15	66				
580-NTE1205MC	NTE1205MC	F	12	5	200				
580-NTE1212MC	NTE1212MC	F	12	12	83				
580-NTE1215MC	NTE1215MC	F	12	15	66				