

MURATA POWER SOLUTIONS DC-DC Converters



RoHS Compliant This page of product is compliant.

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



RoHS Compliant

For quantities greater than listed, 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	9.65	9.34	9.08	8.98
580-LME0505SC	LME0505SC	A	5	5	50	9.65	9.34	9.08	8.98
580-LME0512SC	LME0512SC	A	5	12	21	9.65	9.34	9.13	8.98
580-LME1205SC	LME1205SC	A	12	5	50	9.65	9.34	9.13	8.98
580-LME1212SC	LME1212SC	A	12	12	21	9.65	9.34	9.13	8.98
580-LME1215SC	LME1215SC	A	12	15	16	10.02	9.85	9.52	9.21
DIP									
580-LME0505DC	LME0505DC	B	5	5	50	10.73	10.67	10.61	10.49
580-LME0512DC	LME0512DC	B	5	12	21	11.14	10.90	10.72	10.59
580-LME1205DC	LME1205DC	B	12	5	50	11.14	10.90	10.72	10.59
580-LME1212DC	LME1212DC	B	12	12	21	11.14	10.90	10.72	10.59

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



RoHS Compliant

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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	8.12	8.08	8.02	7.93
580-NME0509SC	NME0509SC	A	5	9	111	8.12	8.08	8.02	7.93
580-NME0512SC	NME0512SC	A	5	12	83	8.12	8.08	8.02	7.93
580-NME0515SC	NME0515SC	A	5	15	66	8.12	8.08	8.02	7.93
580-NME0524SC	NME0524SC	A	5	24	42	9.95	9.63	9.33	8.92
580-NME1205SC	NME1205SC	A	12	5	200	8.12	8.08	8.02	7.93
580-NME1212SC	NME1212SC	A	12	12	83	8.12	8.08	8.02	7.93
580-NME1215SC	NME1215SC	A	12	15	66	8.12	8.08	8.02	7.93
580-NME2405SC	NME2405SC	A	24	5	200	10.09	9.82	9.50	9.40
580-NME2409SC	NME2409SC	A	24	9	111	10.09	9.82	9.50	9.40
580-NME2412SC	NME2412SC	A	24	12	83	10.09	9.82	9.50	9.40
580-NME2415SC	NME2415SC	A	24	15	66	10.09	9.82	9.50	9.40
DIP									
580-NME0505DC	NME0505DC	B	5	5	200	8.12	8.08	8.02	7.93
580-NME0512DC	NME0512DC	B	5	12	83	8.12	8.08	8.02	7.93
580-NME0515DC	NME0515DC	B	5	15	66	8.12	8.08	8.02	7.93
580-NME0524DC	NME0524DC	B	5	24	42	8.12	8.08	8.02	7.93
580-NME1205DC	NME1205DC	B	12	5	200	8.12	8.08	8.02	7.93
580-NME1212DC	NME1212DC	B	12	12	83	8.12	8.08	8.02	7.93
580-NME1215DC	NME1215DC	B	12	15	66	8.12	8.08	8.02	7.93
580-NME2405DC	NME2405DC	B	24	5	200	10.58	10.25	10.00	9.86
580-NME2415DC	NME2415DC	B	24	15	66	10.58	10.25	10.00	9.86

NMR SERIES, 1W SINGLE OUTPUT

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



RoHS Compliant

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MOUSER STOCK NO.	MPS Part No.	Fig.	Input Volts	Output Volts	Io (mA)	Price Each			
						1	5	10	25
580-NMR100C	NMR100C	C	5	5	200	7.61	7.57	7.52	7.43
580-NMR101C	NMR101C	C	5	12	83	7.61	7.57	7.52	7.43
580-NMR102C	NMR102C	C	5	15	67	7.61	7.57	7.52	7.43
580-NMR106C	NMR106C	C	12	5	200	7.61	7.57	7.52	7.43
580-NMR107C	NMR107C	C	12	12	83	7.61	7.57	7.52	7.43
580-NMR108C	NMR108C	C	12	15	67	7.61	7.57	7.52	7.43
580-NMR114C	NMR114C	C	15	15	67	7.61	7.57	7.52	7.43
580-NMR118C	NMR118C	C	24	5	200	7.61	7.57	7.52	7.43

NTE SERIES, SMT 1W SINGLE OUTPUT

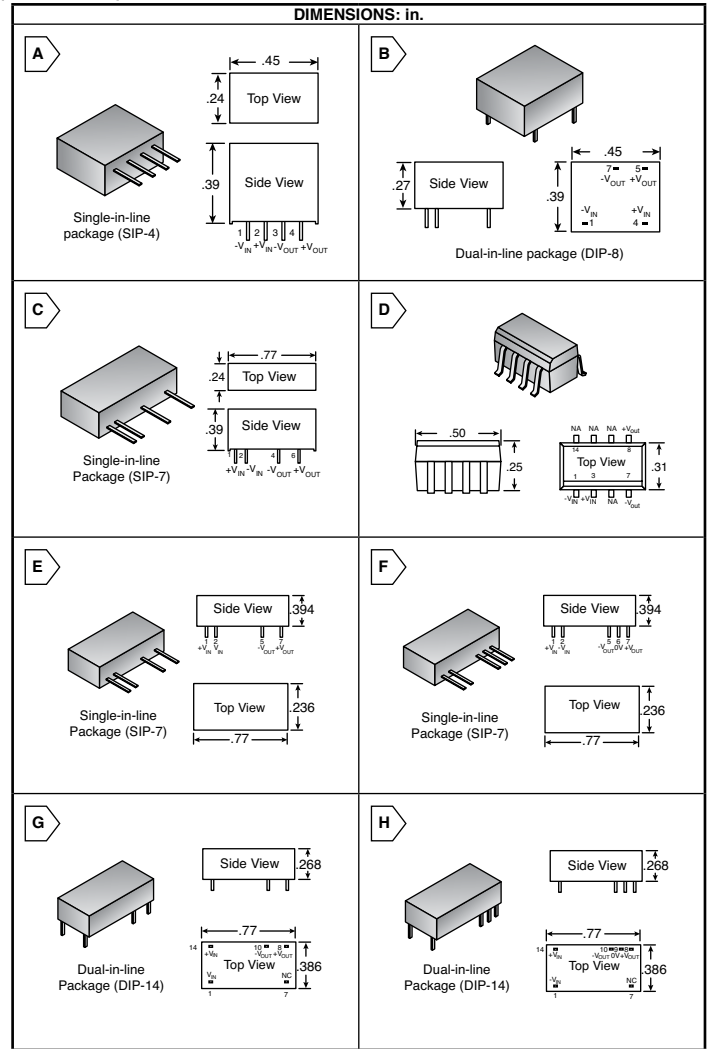
- RoHS Compliant
- 1kVDC isolation
- Efficiency to 78%
- Fully encapsulated
- Surface Mount
- UL 94V-0 package material
- No heatsink required
- Toroidal magnetics



RoHS Compliant

For quantities greater than listed, 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	D	3.3	3.3	303	7.95	7.91	7.85	7.77
580-NTE0305MC	NTE0305MC	D	3.3	5	200	7.95	7.91	7.85	7.77
580-NTE0503MC	NTE0503MC	D	5	3.3	303	7.95	7.91	7.85	7.77
580-NTE0505MC	NTE0505MC	D	5	5	200	7.95	7.91	7.85	7.77
580-NTE0506MC	NTE0506MC	D	5	6	167	7.95	7.91	7.85	7.77
580-NTE0509MC	NTE0509MC	D	5	9	111	7.95	7.91	7.85	7.77
580-NTE0512MC	NTE0512MC	D	5	12	83	7.95	7.91	7.85	7.77
580-NTE0515MC	NTE0515MC	D	5	15	66	7.95	7.91	7.85	7.77
580-NTE1205MC	NTE1205MC	D	12	5	200	7.95	7.91	7.85	7.77
580-NTE1212MC	NTE1212MC	D	12	12	83	7.95	7.91	7.85	7.77
580-NTE1215MC	NTE1215MC	D	12	15	66	7.95	7.91	7.85	7.77



NMV SERIES 3KVDC ISOLATED, 1W SINGLE AND DUAL OUTPUT

- 3kVDC isolation
- Efficiency to 80%
- UL 94V-0 package material
- Toroidal magnetics
- Fully encapsulated
- RoHS Compliant
- No heatsink required



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	Input Volts	Output Volts	Io (mA)	Price Each			
						1	5	10	25
Single Output SIP Package									
580-NMV0505SAC	NMV0505SAC	E	5	5	200	10.15	10.10	10.03	9.92
580-NMV0515SAC	NMV0515SAC	E	5	15	67	10.15	10.10	10.03	9.92
580-NMV1205SAC	NMV1205SAC	E	12	5	200	10.15	10.10	10.03	9.92
580-NMV1212SAC	NMV1212SAC	E	12	12	84	10.15	10.10	10.03	9.92
580-NMV1215SAC	NMV1215SAC	E	12	15	67	10.15	10.10	10.03	9.92
580-NMV1505SAC	NMV1505SAC	E	15	5	200	10.97	10.62	10.31	10.14
580-NMV1515SAC	NMV1515SAC	E	15	15	67	10.97	10.62	10.31	10.14
Dual Output SIP Package									
580-NMV0505SC	NMV0505SC	F	5	±5	±100	10.15	10.10	10.03	9.92
580-NMV0509SC	NMV0509SC	F	5	±9	±55	10.15	10.10	10.03	9.92
580-NMV0512SC	NMV0512SC	F	5	±12	±42	10.15	10.10	10.03	9.92
580-NMV0515SC	NMV0515SC	F	5	±15	±34	10.15	10.10	10.03	9.92
580-NMV1205SC	NMV1205SC	F	12	±5	±100	10.15	10.10	10.03	9.92
580-NMV1212SC	NMV1212SC	F	12	±12	±42	10.15	10.10	10.03	9.92
580-NMV1215SC	NMV1215SC	F	12	±15	±34	10.15	10.10	10.03	9.92
580-NMV1515SC	NMV1515SC	F	15	±15	±33	10.97	10.62	10.31	10.14
Single Output DIP Package									
580-NMV0505DAC	NMV2415SC	G	5	5	200	10.15	10.10	10.03	9.92
580-NMV0512DAC	NMV0512DAC	G	5	12	84	10.15	10.10	10.03	9.92
580-NMV1205DAC	NMV1205DAC	G	12	5	200	10.15	10.10	10.03	9.92
580-NMV1212DAC	NMV1212DAC	G	12	12	84	10.15	10.10	10.03	9.92
580-NMV1215DAC	NMV1215DAC	G	12	15	67	10.15	10.10	10.03	9.92
Dual Output DIP Package									
580-NMV0515DC	NMV0515DC	H	5	±15	±34	10.15	10.10	10.03	9.92
580-NMV1209DC	NMV1209DC	H	12	±9	±55	10.15	10.10	10.03	9.92
580-NMV1215DC	NMV1215DC	H	12	±15	±34	10.15	10.10	10.03	9.92