





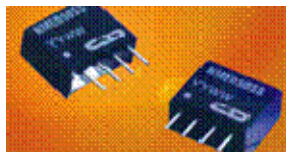
C&D Technologies' miniaturisation capabilities combined with their high volume factories housing semi-automatic chip and wire bonding operations have led to the development of a family of low power, isolated DC/DC converters. Compared with similar parts from other manufacturers, these DC/DC converters deliver significantly higher levels of functionality and performance for a given PCB area.

The NME, NME, NMR, NMV and NMH series are C&D's popular 1W and 2W series with standard (05/12V input) variants (SIP & DIP).



NMA - Isolated 1W Dual Output DC/DC Converters

The NMA series of industrial temperature range DC/DC converters are the standard building blocks for on-board distributed power systems. They are ideally suited for providing dual rail supplies on primarily digital boards with the added benefit of galvanic isolation to reduce switching noise. All of the rated power may be drawn from a single pin provided the total load does not exceed 1 Watt.



NME - Isolated 1W Single Output DC/DC Converters

The NME series of DC/DC Converters is particularly suited to isolating and/or converting DC power rails. The galvanic isolation allows the device to be configured to provide an isolated negative rail in systems where only positive rails exist.



NMR - Isolated 1W Single Output DC/DC Converters

The NMR series of industrial temperature range DC/DC converters are the standard building blocks for on-board distributed power systems. They are ideally suited for providing single rail supplies on primarily digital boards with the added benefit of galvanic isolation to reduce switching noise. Surface mount technology and advanced packaging materials produce rugged reliable performance over an extended temperature range from -40°C to 85°C.



NMV - 3kVDC Isolated 1W Single and Dual Output DC/DC Converters

The NMV series of industrial temperature range DC/DC converters are the standard building blocks for on-board distributed power systems. They are ideally suited for providing local supplies on control system boards with the added benefit of 3kVDC galvanic isolation to reduce switching noise. Available in SIP and DIP with dual and single output pinout. All of the rated power may be drawn from a single pin on a dual output variants provided the total load does not exceed 1 watt.



NMH - Isolated 2W Dual Output DC/DC Converters

The NMH series of industrial temperature range DC/DC converters are the standard building blocks for on-board point-of-use power systems. They are ideally suited for providing dual rail supplies on single rail boards with the added benefit of galvanic isolation to reduce circuit noise. All of the rated power may be drawn from a single pin provided the total load does not exceed 2W. Pin compatibility with the NMA 1 watt series ensures minimal effort in upgrading distributed power systems.

SUMMARY:

Product	Power	Isolation	Output	Input Voltage	Input Range	Output Range	Package
	Watts	kVDC	Single/Dual/ Twin/Triple	VDC		VDC	
NMA	1	1	D	5, 12, 24, 48	1:01	5, 9, 12, 15	SIP7,

							DIP14
NME	1	1	S	5, 12, 24, 48	1:01	5, 9, 12, 15	SIP4, DIP8
NMR	1	1	S	5, 12	1:01	5, 12, 15	SIP7
NMV	1	3	D, S	5, 12, 24, 48	1:01	5, 9, 12, 15	SIP7, DIP14
NMH	2	1	D	5, 12, 24, 48	1:01	5, 9, 12, 15	SIP7, DIP14

APPLICATIONS:

Equipment:

car wash equipment, ceramic tile artwork machine, welding machine, chemical analysis machine, elevator control, oil refinery control system, fruit packing machine etc.

Control:

I/O interface, building control, climate control, control for light, solar heating, cooling machine, energy control, heating control, laser control, manufacturing control, temperature control, textile control, traffic control, water control, deck cargo control, etc.

Security:

LCD monitor, fire alarm, Access system, finger print system, etc.

Automotive :

GPS tracker, engine management, brake tester, alarm, wheel rotation measurement, truck PSU, Battery management, Current monitor device, etc.

Consumer and Leisure :

Audio products (MP3 audio), audio amplifier, gaming machine, swimming pool control system, vending machine, exercising machine

Instrumentation :

Airflow measuring equipment, battery monitoring, data recorder, data logger, energy meter, flow meter, gas analyser, oil gauge detector, particle analyser, pipe flow, pressure, inspection meter, pollution detector, telecom test instrument

COMPETITION:

Low power DC-DC market:

- Traco (Switzerland) TAIWAN
- Floeth (Germany) TAIWAN/ FAR EAST
- Power On (USA) GLOBAL
- Cincon (Taiwan) TAIWAN/ FAR EAST
- Recom (Germany) TAIWAN/ FAR EAST
- Alban (Germany) TAIWAN/ FAR EAST
- RSG (Germany) TAIWAN/ FAR EAST

Corporate Website
www.cdtechno.com

www.cdpoweronline.com

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