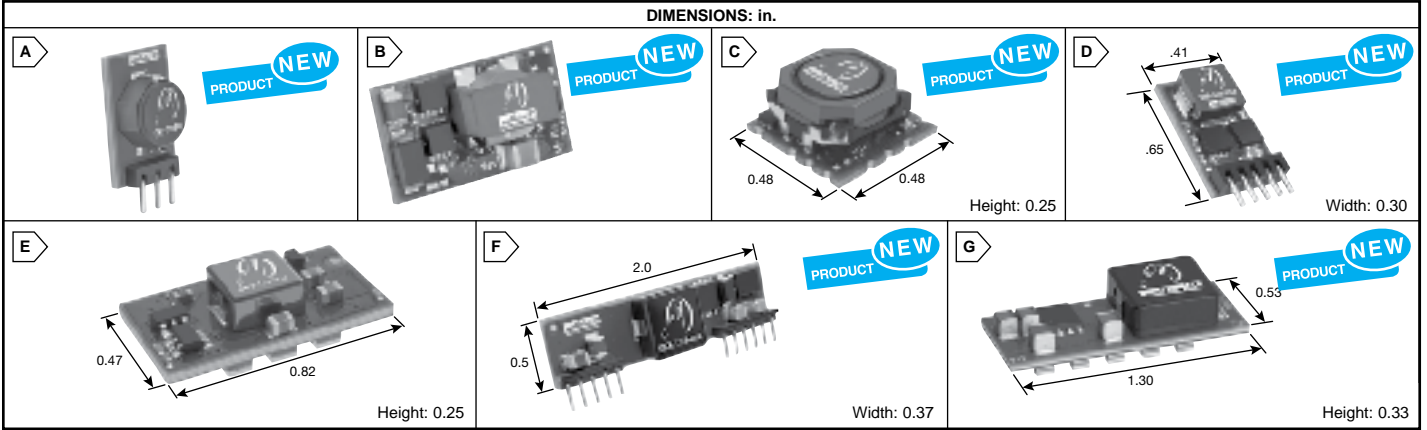


MURATA POWER SOLUTIONS DC-DC Converters



RoHS Compliant This product is RoHS compliant.

DIMENSIONS: in.



OKAMI NON-ISOLATED PROGRAMMABLE OUTPUT DOSA POLS

Designed to support a wide range of applications, Okami modules are ideal for powering the latest generation of FPGAs and DSPs, are drop-in replacements for other DOSA-compliant parts, and are a competitive alternative to discrete designs.

Datel Okami OKI Series, 1.5A Single Output SIP

- Features:**
- Non-isolated SIP
 - Outstanding thermal derating performance
 - Short circuit protection
 - UL/EN/IEC 60950-1 safety approvals



For quantities of 25 and up, call for quote.

MOUSER STOCK NO.		Fig.	Input Volts Nom. (Range)	Output Volts	Io	Price Each		
Mfr.	Mfr. Part No.					1	5	10
580	OKI78SR3.31.536C	A	12 (7-36)	3.3	1.5A			
580	OKI78SR5/1.5W36C	A	12 (7-36)	5	1.5A			

Datel Okami OKI Series, 3A Single Output SMT

- Features:**
- Non-isolated SMT POL DC-DC power module
 - Programmable output voltage
 - Drivers 1000µF ceramic capacitive loads
 - High power conversion efficiency 86% at 5V
 - Outstanding thermal derating performance
 - Over temperature and over current protection
 - On/Off control



For quantities of 25 and up, call for quote.

MOUSER STOCK NO.		Fig.	Input Volts Nom. (Range)	Output Volts	Io	On/Off Polarity	Price Each		
Mfr.	Mfr. Part No.						1	5	10
580	OKI-T/3-W40N-C	B	24 (16-40)	0.7525-5.5	3A	Neg.			

Datel Okami OKL Series, 3A Single Output SMT

- Features:**
- Inspectable Land Grid Array
 - Programmable output voltage from 0.591-5.5Vdc
 - Drives up to 200µF ceramic capacitive loads
 - Over temperature and over current protection
 - On/Off control



For quantities of 25 and up, call for quote.

MOUSER STOCK NO.		Fig.	Input Volts Nom. (Range)	Output		Price Each		
Mfr.	Mfr. Part No.			Volts	Current	1	5	10
580	OKL-T/3-W12P-C	C	12 (4.5-14)	0.591-5.5	3A			
580	OKL-T/3-W12N-C	C	12 (4.5-14)	0.591-5.5	3A			

Datel Okami OKR Series, 3-10A Single Output SIP

- Features:**
- Programmable output voltage from 0.591-6Vdc
 - Drives 200µF ceramic capacitive loads
 - Over temperature and over current protection
 - 600 KHz operation
 - High power conversion efficiency at 92%



For quantities of 25 and up, call for quote.

MOUSER STOCK NO.		Fig.	Input Volts Nom. (Range)	Output		Price Each		
Mfr.	Mfr. Part No.			Volts	Current	1	5	10
580	OKR-T/3-W12-C	D	12 (4.5-14)	0.591-6	3A			
580	OKR-T/6-W12-C	D	12 (4.5-14)	0.591-6	6A			
580	OKR-T/10-W12-C	D	12 (4.5-14)	0.591-6	10A			

Datel Okami OKY Series, 3-5A Single Output SMT

- Features:**
- Drives 1000µF capacitive loads
 - Over temperature and over current protection
 - UL/EN/IEC 60950-1 safety
 - DOSA compatible SMT package



For quantities of 25 and up, call for quote.

MOUSER STOCK NO.		Fig.	Input Volts Nom. (Range)	Output Volts	Io	On/Off Polarity	Price Each		
Mfr.	Mfr. Part No.						1	5	10
580	OKY-T/3-D12N-C	E	12 (8.3-14)	0.75-5.5	3A	Neg.			
580	OKY-T/3-D12P-C	E	12 (8.3-14)	0.75-5.5	3A	Pos.			
580	OKY-T/5-D12N-C	E	12 (8.3-14)	0.75-5.5	5A	Neg.			
580	OKY-T/3-W5N-C	E	5 (2.4-5.5)	0.7525-3.63	3A	Neg.			
580	OKY-T/3-W5P-C	E	5 (2.4-5.5)	0.7525-3.63	3A	Pos.			
580	OKY-T/5-W5N-C	E	5 (2.4-5.5)	0.7525-3.63	5A	Neg.			
580	OKY-T/5-W5P-C	E	5 (2.4-5.5)	0.7525-3.63	5A	Pos.			

Datel Okami OKX/OKY Series, 10-16A Single Output SIP/SMT

- Features:**
- Programmable output voltage
 - Drives 1000µF ceramic capacitive loads
 - On/Off control and sense input
 - Short circuit, over temperature, and over current protection
 - UL/EN/IEC 60950-1 safety



* Sequence/tracking operation For quantities of 25 and up, call for quote.

MOUSER STOCK NO.		Fig.	Input Volts Nom. (Range)	Output Volts	Io	On/Off Polarity	Price Each		
Mfr.	Mfr. Part No.						1	5	10
SIP									
580	OKX-T/10-W5N-C	F	5 (2.4-5.5)	0.7525-3.63	10A	Neg.			
*580	OKX2-T/10-W5N-C	F	5 (2.4-5.5)	0.7525-3.63	10A	Neg.			
580	OKX-T/16-W5N-C	F	5 (2.4-5.5)	0.7525-3.63	16A	Neg.			
*580	OKX2-T/16-W5N-C	F	5 (2.4-5.5)	0.7525-3.63	16A	Neg.			
SMT									
580	OKY-T/10-W5N-C	G	5 (2.4-5.5)	0.7525-3.63	10A	Neg.			
*580	OKY2-T/10-W5N-C	G	5 (2.4-5.5)	0.7525-3.63	10A	Neg.			
580	OKY-T/16-W5N-C	G	5 (2.4-5.5)	0.7525-3.63	16A	Neg.			
*580	OKY2-T/16-W5N-C	G	5 (2.4-5.5)	0.7525-3.63	16A	Neg.			

Datel Okami OKX Series, 10-16A Single Output SIP

- Features:**
- Programmable output voltage from 0.75-5.5VDC
 - Drives 1000µF capacitive loads
 - Over temperature and over current protection
 - UL/EN/IEC 60950-1 safety
 - DOSA compatible SIP package
 - Neg. polarity available replace P with N
 - Input sequence option: OKX2



* Sequence/tracking operation For quantities of 25 and up, call for quote.

MOUSER STOCK NO.		Fig.	Input Volts Nom. (Range)	Output Volts	Io	On/Off Polarity	Price Each		
Mfr.	Mfr. Part No.						1	5	10
580	OKX-T/10-D12P-C	F	12 (8.3-14)	0.7525-5.5	10A	Pos.			
580	OKX-T/10-D12N-C	F	12 (8.3-14)	0.7525-5.5	10A	Neg.			
*580	OKX2-T/10-D12P-C	F	12 (8.3-14)	0.7525-5.5	10A	Pos.			
*580	OKX2-T/10-D12N-C	F	12 (8.3-14)	0.7525-5.5	10A	Neg.			
580	OKX-T/16-D12P-C	F	12 (8.3-14)	0.7525-5.5	16A	Pos.			
580	OKX-T/16-D12N-C	F	12 (8.3-14)	0.7525-5.5	16A	Neg.			
*580	OKX2-T/16-D12P-C	F	12 (8.3-14)	0.7525-5.5	16A	Pos.			
*580	OKX2-T/16-D12N-C	F	12 (8.3-14)	0.7525-5.5	16A	Neg.			

Datel Okami OKY Series, 10-16A Single Output SMT

- Features:**
- Point-of-load (POL) converters for distributed Bus architectures
 - Non-isolated output adjustable from 0.7525 to 3.6/5.5 volts up to 16 amps
 - DOSA-compatible SMT package
 - Extensive self-protection and short circuit features with no output reverse conduction
 - On/Off control and trim functions
 - Fully protected against temperature and voltage limits



For quantities of 25 and up, call for quote.

MOUSER STOCK NO.		Fig.	Input Volts Nom. (Range)	Output		Price Each		
Mfr.	Mfr. Part No.			Volts	Current	1	5	10
580	OKY-T/10-D12P-C	G	12 (8.3-14)	0.7525-5.5	10A			
580	OKY-T/10-D12N-C	G	12 (8.3-14)	0.7525-5.5	10A			
580	OKY2-T/10-D12P-C	G	12 (8.3-14)	0.7525-5.5	10A			
580	OKY2-T/10-D12N-C	G	12 (8.3-14)	0.7525-5.5	10A			
580	OKY-T/16-D12P-C	G	12 (8.3-14)	0.7525-5.5	16A			
580	OKY-T/16-D12N-C	G	12 (8.3-14)	0.7525-5.5	16A			
580	OKY2-T/16-D12P-C	G	12 (8.3-14)	0.7525-5.5	16A			
580	OKY2-T/16-D12N-C	G	12 (8.3-14)	0.7525-5.5	16A			

Murata Power Solutions DC-DC Converters

