

MURATA POWER SOLUTIONS DC-DC Converters



RoHS Compliant This product is RoHS compliant.

DIMENSIONS: in.

A

0.48 0.48
Height: 0.25

NEW FROM SUPPLIER

B

.41 .65
Width: 0.30

NEW FROM SUPPLIER

C

0.47 0.82
Height: 0.25

NEW FROM SUPPLIER

D

2.0 0.5
Width: 0.37

NEW FROM SUPPLIER

E

0.53 1.30
Height: 0.33

NEW FROM SUPPLIER

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 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
- RoHS Compliant

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	A	12 (4.5-14)	0.591-5.5	3A	6.20	6.15	6.10
580	OKL-T/3-W12N-C	A	12 (4.5-14)	0.591-5.5	3A	6.20	6.15	6.10

Datel Okami OKR Series, 3A Single Output SIP

- Features:**
- Programmable output voltage from 0.591-6Vdc
 - Drives 200µF ceramic capacitive loads
 - Over temperature and over current protection
- RoHS Compliant

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	B	12 (4.5-14)	0.591 - 6	3A	6.20	6.15	6.01

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
- RoHS Compliant

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	C	12 (8.3-14)	0.75-5.5	3A	Neg.	7.70	7.47	7.24
580	OKY-T/3-D12P-C	C	12 (8.3-14)	0.75-5.5	3A	Pos.	7.70	7.47	7.24
580	OKY-T/5-D12N-C	C	12 (8.3-14)	0.75-5.5	5A	Neg.	10.70	10.02	9.34
580	OKY-T/3-W5N-C	C	5 (2.4-5.5)	0.7525-3.63	3A	Neg.	7.70	7.47	7.24
580	OKY-T/3-W5P-C	C	5 (2.4-5.5)	0.7525-3.63	3A	Pos.	7.70	7.47	7.24
580	OKY-T/5-W5N-C	C	5 (2.4-5.5)	0.7525-3.63	5A	Neg.	10.70	10.02	9.34
580	OKY-T/5-W5P-C	C	5 (2.4-5.5)	0.7525-3.63	5A	Pos.	10.70	10.02	9.34

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
- RoHS Compliant

*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	D	5 (2.4-5.5)	0.7525-3.63	10A	Neg.	12.90	12.50	12.30
580	OKX2-T/10-W5N-C	D	5 (2.4-5.5)	0.7525-3.63	10A	Neg.	14.50	14.05	13.80

Datel Okami OKX/OKY Series, 10-16A Single Output SIP/SMT (Cont.)

*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 (Cont.)									
580	OKX-T/16-W5N-C	D	5 (2.4-5.5)	0.7525-3.63	16A	Neg.	14.50	14.05	13.80
580	OKX2-T/16-W5N-C	D	5 (2.4-5.5)	0.7525-3.63	16A	Neg.	15.50	15.10	14.85
SMT									
580	OKY-T/10-W5N-C	E	5 (2.4-5.5)	0.7525-3.63	10A	Neg.	13.93	13.40	12.87
580	OKY2-T/10-W5N-C	E	5 (2.4-5.5)	0.7525-3.63	10A	Neg.	15.80	15.18	14.56
580	OKY-T/16-W5N-C	E	5 (2.4-5.5)	0.7525-3.63	16A	Neg.	15.80	15.18	14.56
580	OKY2-T/16-W5N-C	E	5 (2.4-5.5)	0.7525-3.63	16A	Neg.	16.84	16.24	15.63

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
- RoHS Compliant

*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	D	12 (8.3-14)	0.7525-5.5	10A	Pos.	12.03	11.93	11.83
580	OKX-T/10-D12N-C	D	12 (8.3-14)	0.7525-5.5	10A	Neg.	12.03	11.93	11.83
580	OKX2-T/10-D12P-C	D	12 (8.3-14)	0.7525-5.5	10A	Pos.	13.50	13.39	13.28
580	OKX2-T/10-D12N-C	D	12 (8.3-14)	0.7525-5.5	10A	Neg.	13.50	13.39	13.28
580	OKX-T/16-D12P-C	D	12 (8.3-14)	0.7525-5.5	16A	Pos.	13.50	13.39	13.28
580	OKX-T/16-D12N-C	D	12 (8.3-14)	0.7525-5.5	16A	Neg.	13.50	13.39	13.28
580	OKX2-T/16-D12P-C	D	12 (8.3-14)	0.7525-5.5	16A	Pos.	14.50	14.38	14.26
580	OKX2-T/16-D12N-C	D	12 (8.3-14)	0.7525-5.5	16A	Neg.	14.50	14.38	14.26

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
- RoHS Compliant

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	E	12 (8.3-14)	0.7525-5.5	10A	13.93	13.09	12.24
580	OKY-T/10-D12N-C	E	12 (8.3-14)	0.7525-5.5	10A	13.93	13.09	12.24
580	OKY2-T/10-D12P-C	E	12 (8.3-14)	0.7525-5.5	10A	15.80	14.82	13.83
580	OKY2-T/10-D12N-C	E	12 (8.3-14)	0.7525-5.5	10A	15.80	14.82	13.83
580	OKY-T/16-D12P-C	E	12 (8.3-14)	0.7525-5.5	16A	15.80	14.82	13.83
580	OKY-T/16-D12N-C	E	12 (8.3-14)	0.7525-5.5	16A	15.80	14.82	13.83
580	OKY2-T/16-D12P-C	E	12 (8.3-14)	0.7525-5.5	16A	16.84	16.33	15.82
580	OKY2-T/16-D12N-C	E	12 (8.3-14)	0.7525-5.5	16A	16.84	16.33	15.82

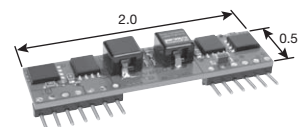
DATL LSN2-T/30 SERIES, 30A NON-ISOLATED DOSA-SIP POL

- Features:**
- DOSA compatible SIP package
 - User-selectable outputs: 0.8VDC to 5.0VDC
 - Selectable phase start-up sequencing, tracking and pre-bias operation
 - Fast settling, high di/dt load slew rate
 - Designed to meet UL 60950-1, CAN/CSA-C22.2 60950-1, IEC 60950-1, EN60950-1 safety approvals
 - Self protection with short circuit "hiccup" shutdown
 - Output overvoltage/overcurrent protection
 - Input under and overvoltage shutdown
- RoHS Compliant

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.		Input Volts Nom. (Range)	Output Volts	Io	Price Each		
Mfr.	Mfr. Part No.				1	5	10
580	LSN2-T-30-D12-C	12 (6-14)	0.8-5	30A	26.10	25.30	24.10

DIMENSIONS: in.



Width: 0.45