

# PRODUKTÜBERSICHT

Point of Load DC/DC-Wandler



## Selection Table of Isolated Brick Converters

Package*	Series	Vin (V)	Output Power (W)	Output Voltage (V)**	Page
1/16 Brick	SRS4	36 – 75	45, 64, 90	1.0, 1.2, 1.5, 1.8, 2.5, 3.3, 5, 8, 12, 15	4
	SRS3	18-60	45, 75	3.3, 5, 12, 15	5
	SRS2	18 – 36	45, 64, 90	3.3, 5, 8, 12, 15	5-6
1/8 Brick	ERS4	36 – 75	60, 84, 120, 132	1.0, 1.2, 1.5, 1.8, 2.5, 3.3, 5, 12,	6
	ERS3	18 – 60/75	48, 72, 116	3.3, 5, 8, 12	7
	ERS2	18 – 36	60, 85, 125	3.3, 5, 8, 12	7-8
	EBC4	36 – 75	204, 264	5, 9.6, 12	8
1/4 Brick	QRS4	36 – 75	85, 125	1.0,1.2,, 1.5, 1.8, 2.5, 3.3, 5, 12	8-9
	QRS2	18 – 36	85, 125		
	QPS4	36 – 75	204	0.8, 1.0, 1.2, 1.5, 1.8, 2.5, 3.3, 5, 7,12, 15	10
	QPS3	18-60/75	132,204	1.2, 3.3, 5, 12	10
	QPS2	18-36	132, 204		
	QBC4	36 – 75	336, 396	5, 6.5, 9.6, 12	11
1/3 Brick	TRS4	36 – 75	140, 224, 308	28	11
	TRS2	18 – 36	140, 224	28	12
1/2 Brick	HRS4	36 – 75	204	1.0, 1.2, 1.5, 1.8, 2.5, 3.3, 5, 12	12
	HPS4	36 – 75	450	0.8, 1.0, 1.2, 1.5, 1.8, 2.5, 3.3, 5, 12, 15, 28	12

\*: SMT version is available on selected codes. For details, consult the factory.

\*\* : Without special notice, the output trim up range is 10% and trim down range is 20%.

## Selection Table of Non-Isolated Converters

Package*	Series	Vin (V)	Vo (V)	Io (A)	Size (in)	Page
SMT	NBS0	2.5 - 5.5	0.75 – 3.63	8	1.10 x 0.45 x 0.25	14
	NBS1	8.5 - 16	0.75 – 5.5	8		14
	NBS2	9 - 36	3 – 6	3.5		14
	NBS3	18 - 36	5 – 15.5	3.5		14
	NAS0	2.5 - 5.5	0.75 – 3.63	12, 20	1.30 x 0.53 x 0.25	13
	NAS1	8.5 - 16	0.75 – 5.5	12, 20		13
	NAS2	9 - 36	3 – 6	10		13
	NAS3	18 - 36	5 – 15.5	9		13
	NES1	8.5-18	0.75 – 5.5	16, 30	1.30 x 0.53 x 0.38	15
SIP	NAT0	2.5 - 5.5	0.75 – 3.63	12, 20	2.00 x 0.50 x 0.25	13
	NAT1	8.5 - 16	0.75 – 5.5	12, 20		13
	NAT2	9 - 36	3 – 6	10		13
	NAT3	18 - 36	5 – 15.5	9		13
	NET1	8.5-18	0.75 – 5.5	16, 30	2.00 x 0.50 x 0.38	15
SIP, Horizontal TH	NCT1	8-16	3 – 5.5	40, 60	2.00 x 0.68 x 0.45	14
Horizontal TH	NZT2	9 - 36	18 – 36V**	150W, 200W	1.46 x 1.13 x 0.40	16

\*: All SMT and SIP packages are DOSA standard compatible.

\*\* : The output voltage varies with the input voltage, suitable for extending the input voltage range of converters designed for 18V – 36V input.