

DC/DC Converter Product List



DC/DC Fixed Input, Isolated, Unregulated Series

Series	Power (W)	Input Voltage (V)	Output Voltage (V)	Package	Isolation (VDC)	Remark	Page
D_M-1W	1W	3.3,5	3.3/3.3,5/5	SIP	1000	RoHS	18
A_(X)T-1W	1W	5,12,24	±5,±9,±12,±15	SMD	1000	RoHS	19
B_(X)T-1W	1W	3.3,5,12,24	3.3,5,9,12,15	SMD	1000	RoHS	19
B_(X)T-2W	2W	5,12,24	5,12,15	SMD	1000	RoHS	19
B_RN/RT-1W	1W	5,12	5,12,15	DIP/SMD	1500	Continuous short circuit protection RoHS	20
F_RN/RT-1W	1W	3.3,5	3.3,5	DIP/SMD	3000	Continuous short circuit protection RoHS	20
D_T-1W/2W	1W,2W	5,12	5/5,12/12,15/15	SMD	1000	RoHS	20
A_S-1WR	1W	5,12,24	±5,±12,±15	Encapsulated SIP	1000	Continuous short circuit protection RoHS	22
B_LS-1WR	1W	5,12,24	5,12,15	Encapsulated SIP	1000	Continuous short circuit protection RoHS	22
E_S-1WR	1W	5,12,24	±5,±12,±15	Encapsulated SIP	3000	Continuous short circuit protection RoHS	22
F_S-1WR	1W	3.3,5,12,24	5,12,15	Encapsulated SIP	3000	Continuous short circuit protection RoHS	22
A_S-2W & A_D-1W/2W	1W,2W	5,12,24	±5,±12,±15	SIP/DIP	1000	RoHS	21
B_LD-1W	1W	5,12,24	5,12,15	DIP	1000	RoHS	21
B_S/D-2W	2W	5,12,24	5,12,15	SIP/DIP	1000	RoHS	21
B_S/D-1W	1W	3.3,5,12,24	5,12,15	SIP/DIP	1000	RoHS	23
B_M-1W/2W	1W,2W	5,12	5,12,15	SIP	1000	RoHS	23
D_(N)S/D-1W	1W	5,12,24	5/5,12/12,15/15	SIP/DIP	1000	RoHS	24
D_S-2W	2W	5,12,24	5/5,12/12,15/15	SIP	1000	RoHS	24
E_T-1W	1W	5,12	±5,±12,±15	SMD	3000	RoHS	19
F_T-1W	1W	5,12	5,12,15	SMD	3000	RoHS	19
F_XT-1W	1W	3.3,5,12	5,12,15	SMD	3000	RoHS	19
E_M-1W	1W	5,12	±5,±12,±15	SIP	3000	RoHS	23
F_M/N-1W	1W	5,12	5,12,15	SIP/DIP	3000	RoHS	23
E_S-2W & E_D-1W/2W	1W,2W	5,12,24	±5,±12,±15	SIP/DIP	3000	RoHS	24
F_S-2W & F_D-1W/2W	1W,2W	5,12,24	5,12,15	SIP/DIP	3000	RoHS	24
H_RN/LT-2W	2W	5,12,24	5,12,15	DIP/SMD	6000	Continuous short circuit protection RoHS EN60601-1	21
H_S-1W&G_S-1W	1W	5,12,24	5,12,15/±5,±12,±15	SIP	6000	Continuous short circuit protection RoHS	25
H_S-2W&G_S-2W	2W	5,12,24	5,12,15/±5,±12,±15	SIP	6000	Continuous short circuit protection RoHS EN60601-1	25
H_D-1W&G_D-1W	1W	5,12	5,12,15/±5,±12,±15	DIP	6000	Continuous short circuit protection RoHS	25
H_D-2W&G_D-2W	2W	5,12,24	5,12,15/±5,±12,±15	DIP	6000	Continuous short circuit protection RoHS	25
YA_D-1W	1W	12	±12	DIP	12000	Continuous short circuit protection RoHS	18
YB_D-1W	1W	12	12	DIP	12000	Continuous short circuit protection RoHS	18

DC/DC Fixed Input, Isolated, Regulated Series

Series	Power (W)	Input Voltage (V)	Output Voltage (V)	Package	Isolation (VDC)	Remark	Page
IB_LT-1W	1W	5,12,15,24	5,12,15	SMD	1000	Continuous short circuit protection RoHS	26
IB_(X)T-1W	1W	5,12	5,12,15	SMD	1000	Continuous short circuit protection RoHS	26
IF_RN/RT-1W	1W	5,12	5	DIP/SMD	3000	Continuous short circuit protection RoHS	26
IA_KS-1W/2W	1W,2W	5,12,24	±5,±12,±15	SIP	1000	RoHS	27
IA_S-1W/2W	1W,2W	5,12,24	±5	SIP	1000	Continuous short circuit protection RoHS	27
IE_KS-1W	1W	5,12,24	±5,±12,±15	SIP	3000	RoHS	27
IE_S-1W	1W	5,12,24	±5	SIP	3000	Continuous short circuit protection RoHS	27
IB_LS/LD-1W	1W	5,12,24	5,12,15	SIP/DIP	1000	Continuous short circuit protection RoHS	27
IF_S/D-1W	1W	5,12,24	5,12,15	SIP/DIP	3000	Continuous short circuit protection RoHS	27
IB_S-2W	2W	5,12,24	5	SIP	1000	Continuous short circuit protection RoHS	27
IF_S-2W	2W	5,12,24	5	SIP	3000	Continuous short circuit protection RoHS	27

DC/DC Wide Input(2:1), Isolated, Regulated Output Series

Series	Power (W)	Input Range (VDC)	Output Voltage (VDC)	Package	Isolation (VDC)	Remark	Page
WRA_CKS-1W	1W	4.5-9,9-18,18-36,36-72	±5,±12,±15	SIP	1500	RoHS	28
WRB_CKS-1W	1W	4.5-9,9-18,18-36,36-72	5,12,15	SIP	1500	RoHS	28
WRE_CKS-1W	1W	4.5-9,9-18,18-36,36-72	±5,±12,±15	SIP	3000	RoHS	28
WRF_CKS-1W	1W	4.5-9,9-18,18-36,36-72	5,12,15	SIP	3000	RoHS	28
WRA_CS-3W	3W	9-18,18-36	±5,±12,±15	SIP	1500	RoHS	28
WRB_CS-3W	3W	9-18,18-36	5,12,15	SIP	1500	RoHS	28
WRD_S-1W/2W	1W,2W	4.5-9,9-18,18-36,36-72	5/5,12/12,15/15	SIP	1500	RoHS	29
WRD_(M)P-3W	3W	4.5-9,9-18,18-36,36-72	5/5,12/12,15/15	DIP	1500	RoHS	29
WRA_N-2W	2W	9-18,18-36	±5,±12,±15	DIP	1500	RoHS	29
WRB_N-2W	2W	9-18,18-36	5,12,15	DIP	1500	RoHS	29
WRA_ZP-3W	3W	4.5-9,9-18,18-36,36-72	±5,±12,±15	DIP	1500	RoHS	30
WRB_ZP-3W	3W	4.5-9,9-18,18-36,36-72	5,12,15	DIP	1500	RoHS	30



DC/DC Converter Product List

Series	Power (W)	Input Range (VDC)	Output Voltage (VDC)	Package	Isolation (VDC)	Remark	Page
WRE_P-3W	3W	9-18,18-36	±5,±12,±15	DIP	3000	RoHS	30
WRF_P-3W	3W	9-18,18-36	5,12,15	DIP	3000	RoHS	30
WRA_YMD-3W	3W	4.5-9,9-18,18-36,36-72	±5,±12,±15	DIP	1500	RoHS	31
WRB_YMD-3W	3W	4.5-9,9-18,18-36,36-72	5,12,15	DIP	1500	RoHS	31
WRA_LT-3W	3W	4.5-9,9-18,18-36,36-72	±5,±12,±15	SMD	1500	RoHS	31
WRB_LT-3W	3W	4.5-9,9-18,18-36,36-72	5,12,15	SMD	1500	RoHS	31
WRA_ZP-6W	6W	4.5-9,9-18,18-36,36-72	±5,±12,±15	DIP	1500	RoHS	32
WRB_ZP-6W	6W	4.5-9,9-18,18-36,36-72	5,12,15	DIP	1500	RoHS	32
WRE_P-6W	6W	4.5-9,9-18,18-36,36-72	±5,±12,±15	DIP	3000	RoHS	32
WRF_P-6W	6W	4.5-9,9-18,18-36,36-72	5,12,15	DIP	3000	RoHS	32
WRA_YMD-6W	6W	4.5-9,9-18,18-36,36-72	±5,±12,±15	DIP	1500	RoHS	33
WRB_YMD-6W	6W	4.5-9,9-18,18-36,36-72	3.3,5,12,15	DIP	1500	RoHS	33
VRB_MP-8W	8W	9-18,18-36,36-75	5,12,15	DIP	1500	RoHS	34
WRA_D-10W	10W	4.5-9,9-18,18-36,36-72	±5,±12,±15	DIP	1500	RoHS	33
WRB_D-10W	10W	4.5-9,9-18,18-36,36-72	5,12,15	DIP	1500	RoHS	33
URA_LD-15W	15W	9-18,18-36,36-75	±5,±12,±15	DIP	1500	RoHS	34
VRB_LD-15W	15W	9-18,18-36,36-75	3.3,5,12,15	DIP	1500	RoHS	34
URA_D-20W	20W	9-18,18-36,36-75	±5,±12,±15	DIP	1500	RoHS	35
VRB_D-20W	20W	9-18,18-36,36-75	3.3,5,12,15	DIP	1500	RoHS	35
URA_LD-20W	20W	9-18,18-36,36-75	±5,±12,±15	DIP	1500	RoHS	35
URA_D-30W	30W	9-18,18-36,36-75	±5,±12,±15	DIP	1500	RoHS	36
VRB_D-30W	30W	9-18,18-36,36-75	3.3,5,12,15	DIP	1500	RoHS	36
VRB_LD-30W	30W	18-36,36-75	3.3,5,12,15	DIP	1500	RoHS	36
VRB_D-40W	40W	9-18,18-36,36-75	3.3,5,12,15	DIP	1500	RoHS	37

DC/DC Wide Input(4:1), Isolated, Regulated Output Series

Series	Power (W)	Input Range (VDC)	Output Voltage (VDC)	Package	Isolation (VDC)	Remark	Page
PWA_LT-1W5	1.5W	9-36,18-72	±5,±12,±15	SMD	1500	RoHS	38
PWB_LT-1W5	1.5W	9-36,18-72	5,12,15	SMD	1500	RoHS	38
PWA_(M)D-1W5	1.5W	9-36,18-72	±5,±12,±15	DIP	1500	RoHS	38
PWB_(M)D-1W5	1.5W	9-36,18-72	3.3,5,12,15	DIP	1500	RoHS	38
PWA_CS-2W	2W	9-36,18-72	±5,±12,±15	SIP	1500	RoHS	39
PWB_CS-2W	2W	9-36,18-72	5,12,15	SIP	1500	RoHS	39
PWA_(M)D-3W	3W	9-36,18-72	±5,±12,±15	DIP	1500	RoHS	38
PWB_(M)D-3W	3W	9-36,18-72	3.3,5,12,15	DIP	1500	RoHS	38
PWA_(M)D-6W	6W	9-36,18-72	±5,±12,±15	DIP	1500	RoHS	39
PWB_(M)D-6W	6W	9-36,18-72	5,12,15	DIP	1500	RoHS	39
PWE_D-6W	6W	9-36,18-72	±5,±12,±15	DIP	3000	RoHS	39
PWF_D-6W	6W	9-36,18-72	5,12,15	DIP	3000	RoHS	39
PWA_YMD-6W	6W	9-36,18-72	±5,±12,±15	DIP	1500	RoHS	40
PWB_YMD-6W	6W	9-36,18-72	5,12,15	DIP	1500	RoHS	40
PWA_(C)D-10W	10W	9-36,18-75	±5,±12,±15	DIP	1500	RoHS	40
PWB_(C)D-10W	10W	9-36,18-75	5,12,15	DIP	1500	RoHS	40
URB_MP-12W	12W	9-36,18-75	3.3,5,12,15	DIP	1500	RoHS	41
URA_LD-15W	15W	9-36,18-75	±5,±12,±15	DIP	1500	RoHS	41
URB_LD-15W	15W	9-36,18-75	3.3,5,12,15	DIP	1500	RoHS	42
URA_LD-20W	20W	9-36,18-75	±5,±12,±15	DIP	1500	RoHS	41
URB_LD-20W	20W	9-36,18-75	3.3,5,12,15	DIP	1500	RoHS	42
URA_D-30W	30W	9-36,18-75	±5,±12,±15	DIP	1500	RoHS	42

DC/DC Wide Input, Non-Isolated, Regulated Output Series

Series	Power(W) Current(mA)	Input Range (VDC)	Output Voltage (VDC)	Package	Isolation (VDC)	Remark	Page
K78XX-500	500	4.75-32	2.5,3.3,5,6.5,9,12,15	SIP	0	Continuous short circuit protection RoHS	43
K78XXM-1000	1000	4.75-20	3.3,5	SIP	0	Continuous short circuit protection RoHS	43
K78XX-1000(L)	1000	4.75-32	1.8,2.5,3.3,5,6.5,9,12	SIP	0	Continuous short circuit protection RoHS	43
K78XX-1500(L)	1500	4.75-18	1.8,2.5,3.3,5,6.5	SIP	0	Continuous short circuit protection RoHS	44
K78XX-2000(L)	2000	4.75-18	1.8,2.5,3.3,5,6.5	SIP	0	Continuous short circuit protection RoHS	44
K78XXT-500	500	4.5-28	3.3,5,6.5,9,12,15	SMD	0	Continuous short circuit protection RoHS	45
*K78XXT-1000(Designing)	1000	4.5-20	3.3,5	SMD	0	Continuous short circuit protection RoHS	45