



DESIGN KIT

Texas Instruments



TECHNICAL DATA:

L:	0.82 ~ 1500 μ H
I_R :	0.52 ~ 27 A
I_{sat} :	0.68 ~ 35 A
R_{DC} :	0.0009 ~ 2.3 Ω



Order Code 744 728
Version 2.0



744 028 000 82

L:	0.82 μH
I_R :	2.00 A
I_{sat} :	1.60 A
R_{DC} :	0.065 Ω
Size:	2811

744 028 002

L:	2.2 μH
I_R :	1.30 A
I_{sat} :	1.00 A
R_{DC} :	0.155 Ω
Size:	2811

744 029 004

L:	4.7 μH
I_R :	1.00 A
I_{sat} :	0.80 A
R_{DC} :	0.200 Ω
Size:	2813

744 031 004

L:	4.7 μH
I_R :	1.20 A
I_{sat} :	0.90 A
R_{DC} :	0.105 Ω
Size:	3816

744 373 240 10

L:	1.0 μH
I_R :	5.00 A
I_{sat} :	9.00 A
R_{DC} :	0.027 Ω
Size:	4020

744 373 240 22

L:	2.2 μH
I_R :	3.25 A
I_{sat} :	6.50 A
R_{DC} :	0.061 Ω
Size:	4020

744 373 241 00

L:	10 μH
I_R :	1.50 A
I_{sat} :	2.40 A
R_{DC} :	0.243 Ω
Size:	4020

744 089 410 068

L:	0.68 μH
I_R :	3.40 A
I_{sat} :	6.50 A
R_{DC} :	0.0221 Ω
Size:	4818

744 089 410 50

L:	5.00 μH
I_R :	1.40 A
I_{sat} :	2.50 A
R_{DC} :	0.140 Ω
Size:	4818

744 043 002 2

L:	2.20 μH
I_R :	2.50 A
I_{sat} :	2.35 A
R_{DC} :	0.028 Ω
Size:	4828

744 043 003

L:	3.30 μH
I_R :	2.15 A
I_{sat} :	1.80 A
R_{DC} :	0.035 Ω
Size:	4828

744 089 431 00

L:	10.0 μH
I_R :	1.65 A
I_{sat} :	2.10 A
R_{DC} :	0.094 Ω
Size:	4838

744 089 432 20

L:	22.0 μH
I_R :	1.10 A
I_{sat} :	1.40 A
R_{DC} :	0.213 Ω
Size:	4838

744 089 431 01

L:	100.0 μH
I_R :	0.52 A
I_{sat} :	0.68 A
R_{DC} :	0.850 Ω
Size:	4838

744 052 007

L:	7.5 μH
I_R :	1.35 A
I_{sat} :	1.50 A
R_{DC} :	0.090 Ω
Size:	5818

744 052 100

L:	10.0 μH
I_R :	1.10 A
I_{sat} :	1.25 A
R_{DC} :	0.130 Ω
Size:	5818

744 052 120

L:	12.0 μH
I_R :	1.00 A
I_{sat} :	1.15 A
R_{DC} :	0.160 Ω
Size:	5818

744 052 150

L:	15.0 μH
I_R :	0.95 A
I_{sat} :	1.10 A
R_{DC} :	0.190 Ω
Size:	5818

744 053 006

L:	6.2 μH
I_R :	2.20 A
I_{sat} :	1.70 A
R_{DC} :	0.045 Ω
Size:	5828

744 778 500 1

L:	1.0 μH
I_R :	3.50 A
I_{sat} :	4.50 A
R_{DC} :	0.039 Ω
Size:	6033

744 778 500 4

L:	4.7 μH
I_R :	2.65 A
I_{sat} :	2.50 A
R_{DC} :	0.078 Ω
Size:	6033

744 778 900 3

L:	3.3 μH
I_R :	3.42 A
I_{sat} :	4.20 A
R_{DC} :	0.030 Ω
Size:	7332

744 778 900 4

L:	4.7 μH
I_R :	2.90 A
I_{sat} :	3.90 A
R_{DC} :	0.035 Ω
Size:	7332

744 778 900 6

L:	6.8 μH
I_R :	2.50 A
I_{sat} :	2.75 A
R_{DC} :	0.044 Ω
Size:	7332

744 778 910

L:	10.0 μH
I_R :	1.83 A
I_{sat} :	2.20 A
R_{DC} :	0.072 Ω
Size:	7332

744 778 911 2

L:	12.0 μH
I_R :	1.73 A
I_{sat} :	1.90 A
R_{DC} :	0.098 Ω
Size:	7332

744 778 911 5

L:	15.0 μH
I_R :	1.51 A
I_{sat} :	1.75 A
R_{DC} :	0.130 Ω
Size:	7332

744 777 900 6

L:	6.8 μH
I_R :	2.91 A
I_{sat} :	3.30 A
R_{DC} :	0.035 Ω
Size:	7345

744 772 010

L:	1.0 μH
I_R :	7.50 A
I_{sat} :	10.0 A
R_{DC} :	0.006 Ω
Size:	L

744 066 100

L:	10.0 μH
I_R :	3.60 A
I_{sat} :	4.00 A
R_{DC} :	0.035 Ω
Size:	1038

744 770 122

L:	22.0 μH
I_R :	4.10 A
I_{sat} :	5.00 A
R_{DC} :	0.043 Ω
Size:	1280

744 770 910 0

L:	10.0 μH
I_R :	7.10 A
I_{sat} :	10.5 A
R_{DC} :	0.021 Ω
Size:	1210

744 770 915 2

L:	1500 μH
I_R :	0.90 A
I_{sat} :	0.80 A
R_{DC} :	2.300 Ω
Size:	1210

744 355 182

L:	0.82 μH
I_R :	27.0 A
I_{sat} :	35.0 A
R_{DC} :	0.0009 Ω
Size:	1365

744 355 120 0

L:	2.0 μH
I_R :	23.0 A
I_{sat} :	22.0 A
R_{DC} :	0.0026 Ω
Size:	1365

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