



DESIGN KIT

Linear Technology



SIZE:
2811 - 1365

TECHNICAL DATA:

| | |
|--------------------|-------------------------|
| L: | 0.24 ~ 27 μ H |
| I _R : | 1.2 ~ 30 A |
| I _{sat} : | 0.9 ~ 50 A |
| R _{DC} : | 0.0007 ~ 0.243 Ω |

Order Code 744 720
Version 2.0



| | |
|--------------------|-----------------|
| 744 031 002 | |
| L: | 2.5 μ H |
| I _R : | 1.45 A |
| I _{sat} : | 1.25 A |
| R _{DC} : | 0.0580 Ω |
| Size: | 3816 |

| | |
|--------------------|-----------------|
| 744 031 003 | |
| L: | 3.6 μ H |
| I _R : | 1.38 A |
| I _{sat} : | 1.10 A |
| R _{DC} : | 0.0850 Ω |
| Size: | 3816 |

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|--------------------|-----------------|
| 744 031 004 | |
| L: | 4.7 μ H |
| I _R : | 1.20 A |
| I _{sat} : | 0.90 A |
| R _{DC} : | 0.1050 Ω |
| Size: | 3816 |

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|-----------------------|-----------------|
| 744 373 240 33 | |
| L: | 3.3 μ H |
| I _R : | 2.50 A |
| I _{sat} : | 4.20 A |
| R _{DC} : | 0.0760 Ω |
| Size: | 4020 |

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|-----------------------|-----------------|
| 744 373 240 47 | |
| L: | 4.7 μ H |
| I _R : | 2.20 A |
| I _{sat} : | 4.00 A |
| R _{DC} : | 0.1050 Ω |
| Size: | 4020 |

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|-----------------------|-----------------|
| 744 373 241 00 | |
| L: | 10 μ H |
| I _R : | 1.50 A |
| I _{sat} : | 2.40 A |
| R _{DC} : | 0.2430 Ω |
| Size: | 4020 |

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|----------------------|-----------------|
| 744 042 001 8 | |
| L: | 1.8 μ H |
| I _R : | 2.35 A |
| I _{sat} : | 2.40 A |
| R _{DC} : | 0.0580 Ω |
| Size: | 4818 |

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|----------------------|-----------------|
| 744 042 002 7 | |
| L: | 2.7 μ H |
| I _R : | 2.03 A |
| I _{sat} : | 2.20 A |
| R _{DC} : | 0.0600 Ω |
| Size: | 4818 |

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|--------------------|-----------------|
| 744 042 003 | |
| L: | 3.3 μ H |
| I _R : | 1.95 A |
| I _{sat} : | 1.80 A |
| R _{DC} : | 0.0650 Ω |
| Size: | 4818 |

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|--------------------|-----------------|
| 744 042 004 | |
| L: | 4.7 μ H |
| I _R : | 1.72 A |
| I _{sat} : | 1.65 A |
| R _{DC} : | 0.0820 Ω |
| Size: | 4828 |

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|--------------------|-----------------|
| 744 042 005 | |
| L: | 5.6 μ H |
| I _R : | 1.64 A |
| I _{sat} : | 1.35 A |
| R _{DC} : | 0.0900 Ω |
| Size: | 4818 |

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|--------------------|-----------------|
| 744 042 008 | |
| L: | 8.2 μ H |
| I _R : | 1.40 A |
| I _{sat} : | 1.10 A |
| R _{DC} : | 0.1350 Ω |
| Size: | 4818 |

| | |
|--------------------|-----------------|
| 744 042 100 | |
| L: | 10 μ H |
| I _R : | 1.30 A |
| I _{sat} : | 1.00 A |
| R _{DC} : | 0.1500 Ω |
| Size: | 4818 |

| | |
|----------------------|-----------------|
| 744 043 002 2 | |
| L: | 2.2 μ H |
| I _R : | 2.50 A |
| I _{sat} : | 2.35 A |
| R _{DC} : | 0.0280 Ω |
| Size: | 4828 |

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|--------------------|-----------------|
| 744 310 024 | |
| L: | 0.24 μ H |
| I _R : | 18 A |
| I _{sat} : | 40 A |
| R _{DC} : | 0.0018 Ω |
| Size: | 7030 |

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|--------------------|-----------------|
| 744 310 055 | |
| L: | 0.52 μ H |
| I _R : | 14 A |
| I _{sat} : | 20 A |
| R _{DC} : | 0.0037 Ω |
| Size: | 7030 |

| | |
|--------------------|-----------------|
| 744 311 068 | |
| L: | 0.68 μ H |
| I _R : | 17 A |
| I _{sat} : | 20 A |
| R _{DC} : | 0.0031 Ω |
| Size: | 7040 |

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|--------------------|-----------------|
| 744 311 220 | |
| L: | 2.2 μ H |
| I _R : | 9.00 A |
| I _{sat} : | 13 A |
| R _{DC} : | 0.0114 Ω |
| Size: | 7040 |

| | |
|--------------------|-----------------|
| 744 314 650 | |
| L: | 6.5 μ H |
| I _R : | 6.00 A |
| I _{sat} : | 6.00 A |
| R _{DC} : | 0.0215 Ω |
| Size: | 7050 |

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|------------------------|-----------------|
| 744 373 460 047 | |
| L: | 0.47 μ H |
| I _R : | 11.5 A |
| I _{sat} : | 31 A |
| R _{DC} : | 0.0042 Ω |
| Size: | 7030 |

| | |
|-----------------------|-----------------|
| 744 373 460 33 | |
| L: | 3.3 μ H |
| I _R : | 5.00 A |
| I _{sat} : | 13.50 A |
| R _{DC} : | 0.0300 Ω |
| Size: | 7030 |

| | |
|-----------------------|-----------------|
| 744 373 461 00 | |
| L: | 10 μ H |
| I _R : | 3.00 A |
| I _{sat} : | 7.30 A |
| R _{DC} : | 0.0850 Ω |
| Size: | 7030 |

| | |
|-----------------------|-----------------|
| 744 373 462 20 | |
| L: | 22 μ H |
| I _R : | 1.90 A |
| I _{sat} : | 4.50 A |
| R _{DC} : | 0.1900 Ω |
| Size: | 7030 |

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|--------------------|-----------------|
| 744 778 005 | |
| L: | 0.47 μ H |
| I _R : | 5.60 A |
| I _{sat} : | 9.00 A |
| R _{DC} : | 0.0085 Ω |
| Size: | 7332 |

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|--------------------|-----------------|
| 744 778 001 | |
| L: | 1 μ H |
| I _R : | 5.37 A |
| I _{sat} : | 6.40 A |
| R _{DC} : | 0.0120 Ω |
| Size: | 7332 |

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|--------------------|-----------------|
| 744 778 002 | |
| L: | 2.2 μ H |
| I _R : | 4.02 A |
| I _{sat} : | 4.80 A |
| R _{DC} : | 0.0200 Ω |
| Size: | 7332 |

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|--------------------|-----------------|
| 744 778 004 | |
| L: | 4.7 μ H |
| I _R : | 2.32 A |
| I _{sat} : | 4.20 A |
| R _{DC} : | 0.0600 Ω |
| Size: | 7332 |

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|----------------------|-----------------|
| 744 778 911 2 | |
| L: | 12 μ H |
| I _R : | 1.73 A |
| I _{sat} : | 1.90 A |
| R _{DC} : | 0.0980 Ω |
| Size: | 7332 |

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|----------------------|-----------------|
| 744 778 911 5 | |
| L: | 15 μ H |
| I _R : | 1.51 A |
| I _{sat} : | 1.75 A |
| R _{DC} : | 0.1300 Ω |
| Size: | 7332 |

| | |
|--------------------|-----------------|
| 744 778 118 | |
| L: | 18 μ H |
| I _R : | 1.41 A |
| I _{sat} : | 1.70 A |
| R _{DC} : | 0.1400 Ω |
| Size: | 7332 |

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|----------------------|-----------------|
| 744 778 912 7 | |
| L: | 27 μ H |
| I _R : | 1.27 A |
| I _{sat} : | 1.35 A |
| R _{DC} : | 0.2100 Ω |
| Size: | 7332 |

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|----------------------|-----------------|
| 744 333 004 7 | |
| L: | 0.47 μ H |
| I _R : | 20.5 A |
| I _{sat} : | 47 A |
| R _{DC} : | 0.0008 Ω |
| Size: | 1090 |

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|--------------------|-----------------|
| 744 355 147 | |
| L: | 0.47 μ H |
| I _R : | 30 A |
| I _{sat} : | 50 A |
| R _{DC} : | 0.0007 Ω |
| Size: | 1365 |

| | |
|----------------------|-----------------|
| 744 355 137 0 | |
| L: | 3.7 μ H |
| I _R : | 17 A |
| I _{sat} : | 16 A |
| R _{DC} : | 0.0049 Ω |
| Size: | 1365 |

| | |
|----------------------|-----------------|
| 744 355 113 1 | |
| L: | 13 μ H |
| I _R : | 10 A |
| I _{sat} : | 9.00 A |
| R _{DC} : | 0.0112 Ω |
| Size: | 1365 |

EMC COMPONENTS | INDUCTORS | TRANSFORMERS | RF COMPONENTS | CIRCUIT PROTECTION | EMC SHIELDING MATERIAL | CONNECTORS | SWITCHES | ASSEMBLY TECHNIQUE | POWER ELEMENTS

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**All products
in stock!**

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