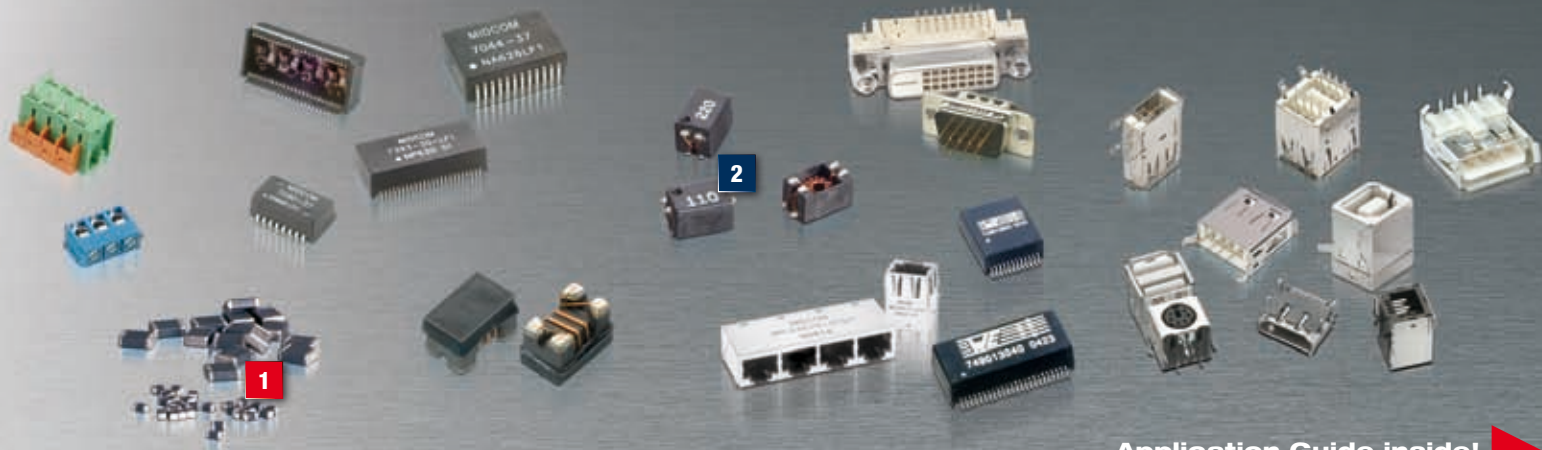
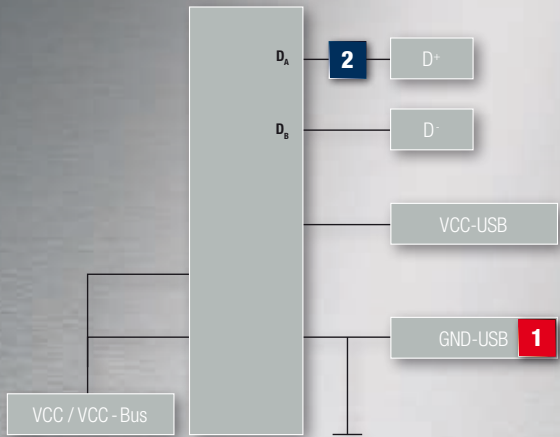


more than you expect

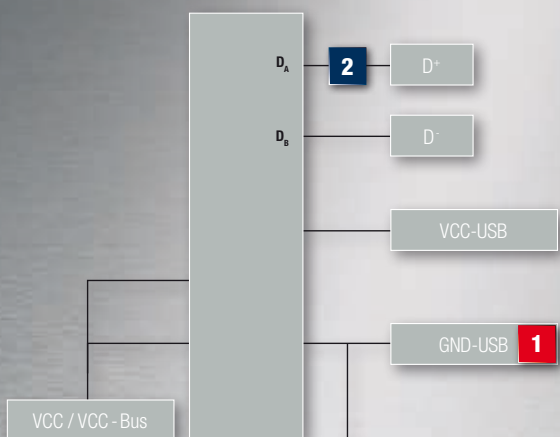


Application Guide inside!

Interface Design Kit for USB, CAN, Ethernet, VGA, DVI, RS232, RS485

Order Code 744 999
Version 1.0

more than you expect



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Interface Design Kit for
USB, CAN, Ethernet, VGA, DVI, RS232, RS485



ESD Suppressor WE-VE 823 56 120 100 V_{DC}: 12 V C: 10 pF (1MHz) V_C: 60 V (1 A, 8/20 µs) I_{L max}: 1 µA (V_{DC}) Size 0603	SMD Common Mode Choke WE-CNSW 744 232 222 Z @ 100 MHz: 2200 Ω DCR: 1.2 Ω Rated current: 200 mA Size 1206	Chip Bead Ferrite WE-CBF 742 792 040 Z @ 100 MHz: 600 Ω DCR: 0.15 Ω Rated current: 200 mA Z max: 700 Ω @ 150 MHz Size 0805	USB Type A Connector WE-COM 614 004 160 21 No. of Pins: 4 Rated current: 1 A Operating voltage: 30 V THT	USB Type B Connector WE-COM 614 004 161 21 No. of Pins: 4 Rated current: 1 A Operating voltage: 30 V THT	ESD Suppressor WE-VE 823 56 050 050 V_{DC}: 5 V C: 5 pF (1MHz) V_C: 34 V (1 A, 8/20 µs) I_{L max}: 1 µA (V_{DC}) Size 0603	SMD Common Mode Choke WE-CNSW 744 231 371 Z @ 100 MHz: 370 Ω DCR: 0.45 Ω Current: 280 mA Size 0805
ESD Suppressor WE-VE 823 56 050 220 V_{DC}: 5 V C: 22 pF (1MHz) V_C: 34 V (1 A, 8/20 µs) I_{L max}: 1 µA (V_{DC}) Size 0603	SMD Common Mode Choke WE-SLM 744 242 510 Z max: 800 Ω L: 2x51µH DCR: 0.32 Ω Rated current: 300 mA	SMD Filter Inductor WE-GF 744 764 004 L: 0.47µH DCR: 0.50 Ω Rated current: 450 mA SRF: 220 MHz Size 1210	Terminal Block WR-TBL 691 401 710 004 No. of Pins: 4 AWG: 14-24 Pitch: 5 mm Rated current: 10 A Operating voltage: 300 VAC	Terminal Block WR-TBL 691 412 120 004 No. of Pins: 4 AWG: 16-20 Pitch: 3.5 mm Rated current: 6 A Operating voltage: 300 VAC	ESD Suppressor WE-VE ULC 823 07 050 029 V_{DC}: 5 V C: 0.2 pF (1MHz) V_C: 17 V (30ns, contact) I_{L max}: 0.1 µA (V_{DC}) Size 0402	SMD Common Mode Choke WE-CNSW 744 232 090 Z @ 100 MHz: 90 Ω DCR: 0.30 Ω Rated current: 370 mA Size 1206
ESD Suppressor WE-VE 823 56 240 030 V_{DC}: 24 V C: 3 pF (1MHz) V_C: 200 V (1 A, 8/20 µs) I_{L max}: 1 µA (V_{DC}) Size 0603	LAN Transformer 10/100 BaseT WE-LAN 749 010 012 Size 12.10 x 5.20 x 9.53 IL: 1-100 MHz / -1.1dB max RL: 1-80 MHz / -16 dB to -10 dB DCMR: 30-100 MHz / -38 dB to -30 dB	LAN Transformer Gigabit WE-LAN 749 020 010 Size 17.30 x 6.50 x 16.00 IL: 1-100 MHz / -1.0 dB max RL: 1-100 MHz / -1 dB to -10 dB DCMR: 30-100 MHz / -43 dB to -33 dB	RJ45 Modular Jack WR-COM 615 008 142 21 No. of Pins: 8 Rated current: 1.5 A Operating voltage: 120 VAC Shielded, Receptable THT	LAN RJ45 100 Base-T Transformer 749 921 1123 100 Base-T Tab down LED yellow – green Integrated magnetics	DVI Connector WR-COM 675 024 321 221 No. of Pins: 24 + 1 Rated current: 3 A Operating voltage: 40 V Shielded, Receptable, THT Digital	ESD Suppressor WE-VE femtoF 823 16 14 V_{DC}: 14 V C: 0.05 pF (1 MHz) V_C: 50 V (30ns, contact) I_{L max}: 0.001 µA Size 0603
ESD Suppressor WE-VE ULC 823 06 120 029 V_{DC}: 12 V C: 0.2 pF (1MHz) V_C: 30 V (30ns, contact) I_{L max}: 0.1 µA Size 0603	Chip Bead Ferrite WE-CBF 742 792 041 Z @ 100 MHz: 600 Ω DCR: 0.40 Ω Rated current: 500 mA Z max: 700 Ω @ 1600 MHz Size 0805	Chip Bead Ferrite WE-CBF 742 792 60 Z @ 100 MHz: 40 Ω DCR: 0.15 Ω Rated current: 400 mA Z max: 60 Ω @ 1000 MHz Size 0603	MiniDIN Connector WR-COM 631 004 112 021 No. of Pins: 4 Rated current: 1 A Operating voltage: 12 V Shielded, Receptable, THT	D-SUB Socket WR-DSUB 618 015 325 223 No. of Pins: 15 Rated current: 3 A Operating voltage: 125 VAC High Density Female	DVI Connector WR-COM 675 024 321 321 24 + 5 Rated current: 3 A Operating voltage: 40 V Shielded, Receptable, THT Analog & Digital	Evaluation Board for Chip Bead Ferrits and Common Mode Chokes EP-CBF-0805 EP-CBF-1206 EP-Stroko
ESD Suppressor WE-VE 823 56 120 100 V_{DC}: 5 V C: 100 pF (1MHz) V_C: 30 V (1 A, 8/20 µs) I_{L max}: 1 µA (V_{DC}) Size 0603	Chip Bead Ferrite WE-CBF 742 792 094 Z @ 100 MHz: 2200 Ω DCR: 0.60 Ω Rated current: 200 mA Z max: 3000 Ω @ 80 MHz Size 0805	D-SUB Connector 618 009 248 23 No. of Pins: 9 Rated current: 3 A Operating voltage: 250 VAC Male	D-SUB Socket WR-DSUB 618 009 211 821 No. of Pins: 9 Rated current: 3 A Operating voltage: 250 VAC Female	Terminal Block WR-TBL 691 102 710 003 No. of Pins: 3 AWG: 14-22 Pitch: 5 mm Rated current: 15 A Operating voltage: 300 VAC	Terminal Block WR-TBL 691 212 710 002 No. of Pins: 2 AWG: 12-22 Pitch: 5 mm Rated current: 10 A Operating voltage: 300 VAC	Ethernet Evaluation Board Evaluation Board for Ethernet (RJ45 / integrated connector) performance testing

Applications

- USB 1.0
- USB 1.1
- USB 2.0
- CAN
- Ethernet
- VGA
- RS232
- RS485
- DVI

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