



DESIGN KIT

Interfaces



THE COMPLETE SOLUTION



































CONTENT:

- USB 2.0 / 3.0 / 3.1
- Ethernet 100/1000 Base-T
- CAN, VGA, HDMI
- RS232, RS485

Order Code 744 999

Version 3.1

DESIGN KIT Interfaces

ESD Suppressor WE-VE  823 562 400 30 Size: 0603 C _{Ch} : 3 pF V _{CLAMP} : 180 V V _{DC} : 24 V	ESD Suppressor WE-VE ULC  823 070 500 29 Size: 0402 C _{Ch} : 0.2 pF V _{CLAMP} : 17 V V _{DC} : 5 V	TVS Diode WE-TVS  824 001 02 Size: SOT23-6L C _{Ch} : 2 pF V _{CLAMP} : 7.7 V V _{DC} : 5 V	TVS Diode WE-TVS  824 016 46 Size: MSOP-8L C _{Ch} : 0.25 pF V _{CLAMP} : 13 V V _{DC} : 5 V	TVS Diode WE-TVS  824 015 Size: SOT23-6L C _{Ch} : 2 pF V _{CLAMP} : 7.8 V V _{DC} : 5 V	Ceramic Capacitors WCAP-CSGP  885 012 206 051 Size: 0603 C: 680 nF U _R : 16 V Ceramic Type: X7R	Ceramic Capacitors WCAP-CSGP  885 012 207 077 Size: 0805 C: 680 nF U _R : 25 V Ceramic Type: X7R
Common Mode Line Filter WE-CNSW HF  744 233 590 0 Size: 0504 Z @ 100 MHz: 90 Ω R _{DC} : 0.27 Ω I _R : 500 mA	Common Mode Line Filter WE-CNSW HF  744 233 670 Size: 0805 Z @ 100 MHz: 67 Ω R _{DC} : 0.24 Ω I _R : 320 mA	Common Mode Line Filter WE-CNSW  744 232 090 Size: 1206 Z @ 100 MHz: 90 Ω R _{DC} : 0.3 Ω I _R : 370 mA	Common Mode Line Filter WE-SLM  744 242 510 Size: 6.0 x 3.3 x 3.3 Z @ 100 MHz: 800 Ω R _{DC} : 0.32 Ω I _R : 400 mA	Chip Bead Ferrite WE-CBF  742 792 60 Size: 0603 Z @ 100 MHz: 40 Ω R _{DC} : 0.15 Ω I _R : 400 mA	EMI Power Suppression Bead WE-MPSB  742 792 206 01 Size: 0805 Z @ 100 MHz: 600 Ω R _{DC} : 0.043 Ω I _R : 2100 mA	EMI Power Suppression Bead WE-MPSB  742 792 201 81 Size: 0805 Z @ 100 MHz: 180 Ω R _{DC} : 26.5 mΩ I _R : 3100 mA
USB 2.0 A Connector WE-EPL  849 212 1 Pins: 4 I _R : 1 A V _{CC} : 5 VAC THT	USB 2.0 Type A Connector WR-COM  614 004 160 21 Pins: 4 I _R : 1 A V _{CC} : 30 VAC THT	USB 3.0 Type A Connector WR-COM  692 121 030 100 Pins: 9 I _R : 0.25 A V _{CC} : 30 VAC THT	USB 2.0 Type B Connector WR-COM  614 004 161 21 Pins: 4 I _R : 1 A V _{CC} : 30 VAC THT	USB 3.0 Type B Connector WR-COM  692 221 030 100 Pins: 9 I _R : 0.25 A V _{CC} : 30 VAC THT	RJ45 Modular Jack WR-COM  615 008 142 21 Pins: 8 I _R : 1.5 A V _{CC} : 120 VAC THT	Mini HDMI SMT Horizontal WR-COM  685 119 136 923 Pins: 19 I _R : 0.5 A V _{CC} : 40 VAC SMT
Micro HDMI WR-COM  685 119 248 223 Pins: 19 I _R : 0.5 A V _{CC} : 40 VAC SMT	USB 3.1 Type C WR-COM  632723100011, 632723300011, 632712000011 Pins: 22 / 24 I _R : 3 A V _{CC} : 5 VAC	Filter Inductor WE-GF  744 764 004 Size: 1210 I _R : 450 mA L: 0.47 μH R _{DC} : 0.5 Ω	Terminal Block WR-TBL  691 401 710 004 B AWG: 14-24 I _R : 10 A V _{CC} : 300 VAC Pitch: 5 mm	Terminal Block WR-TBL  691 412 120 004 B AWG: 14-20 I _R : 6 A V _{CC} : 300 VAC Pitch: 3.5 mm	Terminal Block WR-TBL  691 102 710 003 AWG: 14-22 I _R : 15 A V _{CC} : 300 VAC Pitch: 5 mm	Terminal Block WR-TBL  691 216 710 002 AWG: 12-30 I _R : 14 A V _{CC} : 300 VAC Pitch: 5 mm
LAN Transformer 1000 Base-T WE-LAN PoE  749 023 010 A Size: 17.5 x 14.2 x 6 mm PoE: 350 mA 1000 Base-T 2 Port 100 Base-T	LAN Transformer 1000 Base-T WE-LAN PoE HPLE  749 023 015 Size: 18.3 x 16.31 x 6.35 mm PoE: 350 mA 1000 Base-T High Performance, Low EMI	D-SUB Socket WR-DSUB  618 015 325 223 Pins: 15 I _R : 3 A V _{CC} : 125 VAC High Density	D-SUB Connector WR-DSUB  618 009 248 23 Pins: 9 I _R : 3 A V _{CC} : 125 VAC Male	D-SUB Socket WR-DSUB  618 009 211 821 Pins: 9 I _R : 3 A V _{CC} : 125 VAC Female	Transformer PoE WE-RJ45 LAN  749 921 112 3A 10/100 Base-T Tab down LED yellow-green Integrated magnetics	Evaluation Board for Chip Bead Ferrits and Common Mode Chokes EP-CBF-0805, EP-CBF-1206, EP-Stroko Performance testing

Applications  USB 2.0  USB 3.0  USB 3.1  CAN  RS232  RS485  Ethernet 100 Base-T  Ethernet 1000 Base-T  VGA  HDMI

EMC COMPONENTS | INDUCTORS | TRANSFORMERS | RF COMPONENTS | CIRCUIT PROTECTION | EMC SHIELDING MATERIAL | LEDS | CONNECTORS | SWITCHES | ASSEMBLY TECHNIQUE | REDCUBE TERMINALS | CAPACITORS

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