



RE3031-DSPT

- Raspberry Pi accessory kit for a UART to USB converter board
- Epoxy fibre-glass, FR4 1.50 mm
- Double-sided, 35 µm Cu
- Plated through holes (PTH)
- Hot-tinned (HAL lead free)
- Solder stop mask
- One 40-pole connector for Raspberry Pi
- 21 x 32 holes Ø 1,00 mm
- Hole matrix field with 2.54 mm grid and 13 x 28 solder pads Ø 2.20 mm
- Two potential strips
- Four pick-up holes, Ø 2.75 mm
- For direct connection and control of a Raspberry Pi by computer
- 85,00 x 56,00 mm

Designator	Comment	Description	Manufacturer	Part No.
C1, C6	100nF	Cap 0805 100nF 20V 20%	*	*
C2	4,7uF	Cap 0805 4,7uF 20V 20%	*	*
C3	10nF	Ceramic/SMD, 0805, 10nF, 50V	*	*
C4, C5	47p	Ceramic/SMD, 0805, 47p, 50V	*	*
IC1	FT230XS-R	USB interface, USB to UART converter	FTDI	FT230X
J1	CON40_POS	Pin header 40 positions, 2 rows, 2.54 mm pitch	Samtec	ESQ-120-X-G-D
L1	100MHz/2A	0805 (SMD), ferrite 2A 600ohm	Würth	742792040
R1, R2	27R	0805 (SMD), 27ohm	*	*
USB	USB micro	USB micro type-B connector	Würth	629105136821