











# BOM for I2C-Dongle Revision 1.2

Part	Value	Package	
C1	10n	ceramic C	603
C2	33n	ceramic C	603
C3	100n	ceramic C	603
C4	100n	ceramic C	603
C5	100n	ceramic C	603
C6	100n	ceramic C	603
C7	100n	ceramic C	603
C8	10u	Tantal Elko	1206
C9	100n	ceramic C	603
C10	100n	ceramic C	603
C12	100n	ceramic C	603
C29	100n	ceramic C	603
CON1		USB Connector	USB-B
CON2		Board Connector	SIL 4 Pins RM 2.54 mm 90° female
CON3		prog. Connector	Layout Connector
IC1	ADuC832	Microcontroller	PQFP-52
IC2	FT245BM	USB-Device	LQFP-32
IC3	NC7S02M5	Single NOR	SOT-23-5
IC4	93LC46B	EEPROM	SOT-23-6
JP1			SIL 2 Pins RM 2.00 mm
L1	BLM21A102S	Ferrit Bead	805
L2	BLM21A102S	Ferrit Bead	805
Q1	32768Hz	Clock Crystal	Diameter 2 mm / 6 mm Len
Q2	6MHz	Resonator	7 x 3 mm
R1	27R	Resistor 5%	603
R2	1k	Resistor 5%	603
R3	3k3	Resistor 5%	603
R4	27R	Resistor 5%	603
R5	470R	Resistor 5%	603
R7	1k5	Resistor 5%	603
R8	3k3	Resistor 5%	603
R13	10k	Resistor 5%	603
R14	2k2	Resistor 5%	603