

TheUno V2.0 - Bill of material

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Revisions

Version	Date	Changes
1.0	2011-08-25	First release of the document for TheUno V2.0
1.1	2012-02-26	Update of some values in the bill of material

Bill of material

Part	Value	Package	Comment
C1	33 to 100 μ F - 25V		
C2	33 to 47 μ F - 10V		
C3	33 to 47 μ F - 10V		
C4	100nF	1206	
C5	18pF	1206	
C6	18pF	1206	
C7	100nF	1206	
C8	100nF	1206	
C9	100nF	1206	
C10	18pF	1206	
C11	18pF	1206	
D1	1N4007	D0214	
D2	1N5817	D0214	
IC1	LM1117-5	TO223	
IC2	LM1117-3.3	TO223	
IC3	MC9S08JS16	S020W	
IC4	74LV125	SO14	
IC5	MC9S08DZ60	LQFP32	
LED1	Green LED	3mm	
Q1	12MHz	HC49	
Q2	12MHz	HC49	
R1	1Mohm	1206	
R2	33 to 56ohms	1206	
R3	33 to 56ohms	1206	
R4	100kohms	1206	
R5	33 to 56ohms	1206	
R6	1.5kohms	1206	
R7	10kohms	1206	
R8	33 to 56ohms	1206	
R9	220 to 330ohms	1206	The value depends of LED1
R10	1Mohm	1206	
S1	Switch		
X1	Power Supply connector		
X2	Mini-USB connector		
X3	Male header		Single 2-pins header
X4	Female header		Two 8-pins and two 6-pins headers
PCB			Can be provided by MyFreescaleWebPage Please Contact us for more information