

# Bill Of Materials

Ite	Ref	Qty	Part Number	Description	Mfg	Supplier
U		1	STM6315SDW13F	IC MPU RESET 2.93V 210MS SOT143	STMicroelectronics	
U		1	LPC1114FBD	32-bit ARM Cortex-M0 MCU	NXP	
J		1	GRPB052VWQS-RC	CONN HEADER .050" 10PS DL SMD AU	Sullins Connector Solutions	
SW		2	ATD-TS4.5X4.5-H5S	SWITCH TACT Outline 4.5mm x 4.5mm	aitendo	
Y		1	7A-12.000MAAJ-T	12MHz 5 x 3.2 mm 18PF SMD CRYSTAL	TXC	
R		3		RES 10K OHM 1/8W 5% 1206 SMD		
C		1		CAP CER 0.1UF 10V 20% X5R 1206 SMD		
C		1		CAP CER 0.01UF 10V 20% X5R 1206 SMD		
C		2		CAP CER 18pF 10V 20% X5R 1206 SMD		

**13**

Ref URL	Remarks	Stock No	Price
<a href="http://www.st.com/web/en/resource/technical/document/datasheet/CD00081393.pdf">http://www.st.com/web/en/resource/technical/document/datasheet/CD00081393.pdf</a>			
<a href="http://www.nxp.com/documents/data_sheet/LPC111X.pdf">http://www.nxp.com/documents/data_sheet/LPC111X.pdf</a>			
<a href="http://media.digikey.com/pdf/Data%20Sheets/Sullins%20PDFs/GRP_B%20_2VWQS-RC%2010958-C.pdf">http://media.digikey.com/pdf/Data%20Sheets/Sullins%20PDFs/GRP_B%20_2VWQS-RC%2010958-C.pdf</a>	1.27mm pitch		
<a href="http://www.aitendo.com/product/7047">http://www.aitendo.com/product/7047</a>			
<a href="http://www.txccrystal.com/images/pdf/number-crystal-basic.pdf">http://www.txccrystal.com/images/pdf/number-crystal-basic.pdf</a>			
		<b>TOTAL PCB ITEMS</b>	<b>0.00</b>