

# Bill Of Materials for FR4\_Brain

**Design Title** FR4\_Brain  
**Author**  
**Document Number**  
**Revision**  
**Design Created** Tuesday, August 07, 2018  
**Design Last Modified** Sunday, March 17, 2019  
**Total Parts In Design** 27

## 0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
Sub-totals:				\$0.00

## 10 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	C1	4.7nF		\$0.02
1	C2	10uF		\$0.02
4	C3-C5,C7	100nF		\$0.02
2	C6,C8	1uF		\$0.02
2	C9-C10	22pF		\$0.02
Sub-totals:				\$0.20

## 6 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	R1,R6	1M		\$0.02
1	R2	10k		\$0.02
2	R3-R4	22R		\$0.02
1	R5	4.7k		\$0.02
Sub-totals:				\$0.12

## 4 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	U1	STM32F103C8T6		\$3.20
1	U2	NCV8161	NCV8161	\$0.20
1	U3	USB-MICRO	MX-105017-0001	\$0.50
1	U4	USBLC6-2	USBLC6-2SC6	\$0.15
Sub-totals:				\$4.05

## 0 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
Sub-totals:				\$0.00

## 1 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	D1	MBR0530T3G		\$0.05
Sub-totals:				\$0.05

## 6 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	J1-J2	J 2X10		\$0.25
1	J3	J 1X4		\$0.15
1	L1	1u		\$0.02
1	TP1	PPM		\$0.00
1	X1	8MHz		\$0.35
Sub-totals:				\$1.02

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Totals:				\$5.44
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