

# Bill Of Materials for MIB\_lot\_IO

**Design Title** MIB\_lot\_IO  
**Author**  
**Document Number**  
**Revision**  
**Design Created** terça-feira, 26 de dezembro de 2017  
**Design Last Modified** quinta-feira, 15 de março de 2018  
**Total Parts In Design** 62

## 0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
Sub-totals:				R\$0,00

## 21 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
14	C1-C3, C6, C8-C11, C13, C15, C19-C22	100nF	478-1395-1-ND	R\$0,10
4	C4-C5, C17-C18	1uF	311-1365-1-ND	R\$0,11
1	C7	10uF	478-8150-1-ND	R\$0,32
1	C14	470pF	399-7067-1-ND	R\$0,38
1	C16	100n	478-1395-1-ND	R\$0,10
Sub-totals:				R\$2,64

## 24 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
11	R1-R2, R7-R8, R11-R12, R14, R19-R22	10k	311-10KARCT-ND	R\$0,10
2	R3-R4	3K	RMCF0805JT3K00CT-ND	R\$0,10
2	R5, R13	330R	RHM330KCT-ND	R\$0,10
5	R6, R9-R10, R28-R29	4K7	311-4.70KCRCT-ND	R\$0,10
1	R15	270K	311-52.3KCRCT-ND	R\$0,10
2	R16, R18	30.1K	311-30.1KCRCT-ND	R\$0,10
1	R17	95.3K	311-95.3KCRCT-ND	R\$0,10
Sub-totals:				R\$2,40

## 12 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
4	U1-U3, U7	TLP290(BL-TP, SE	TLP290(BL-TPSECT-ND	R\$0,51
3	U4-U5, U11	LM358	497-1591-1-ND	R\$0,43
1	U6	CD4052BM96	296-14272-1-ND	R\$0,43
2	U8-U9	TPS71501DCKR	296-12957-1-ND	R\$0,90
1	U10	SI8920BC-IP	336-3329-5-ND	R\$2,93
1	U12	AMC1301	296-46919-ND	R\$0,00
Sub-totals:				R\$8,49

## 1 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	Q2	BCP56-16	497-6962-1-ND	R\$0,44
Sub-totals:				R\$0,44

## 1 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	D1	S1G	S1GFSCT-ND	R\$0,26
Sub-totals:				R\$0,26

## 3 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	L3	6.8u	587-2907-1-ND	R\$0,34
1	PMAIN	ROE-0515S-ND	ROE-0515S-ND	R\$3,06
1	RL1	EC2-24NU	399-11037-5-ND	R\$2,06
Sub-totals:				R\$5,46

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Totals:				R\$19,69
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