

Bill Of Materials for SpeeduinoSparkV1.1

Design Title SpeeduinoSparkV1.1
Author
Document Number
Revision
Design Created 17 Ağustos 2020 Pazartesi
Design Last Modified 29 Aralık 2020 Salı
Total Parts In Design 169

0 Modules

Quantity	References	Value	Stock Code	Unit Cost
Sub-totals:				₺0,00

42 Capacitors

Quantity	References	Value	Stock Code	Unit Cost
14	C1, C8, C11-C12, C16, C19, C22-C23, C25, C28, C30-C31, C33, C46	100n	Farnell 499-687	
2	C2-C3	22p	Farnell 317-500	
16	C4-C7, C9-C10, C17, C20-C21, C24, C26-C27, C29, C32, C38-C39	220n	Farnell 499-699	
4	C13-C15, C18	1u	Farnell 317-640	
2	C34-C35	1n	Farnell 317-457	
2	C36-C37	2n2	Farnell 578-290	
2	C44-C45	47u	Maplin KQ68Y	
Sub-totals:				₺0,00

86 Resistors

Quantity	References	Value	Stock Code	Unit Cost
3	R1, R73-R74	4k7	72-0839	
21	R2-R3, R5, R7, R9, R11, R13, R33, R35, R37, R39, R41, R43, R45, R47, R49, R69-R72, R88	10k	72-0869	
35	R4, R6, R8, R10, R12, R14, R16, R19, R22, R25, R28, R31, R34, R36, R38, R40, R42, R44, R46, R48, R50-R51, R53, R63-R64, R67-R68, R75-R81, R89	1k	72-0799	
6	R15, R18, R21, R24, R27, R30	100k	72-0979	
6	R17, R20, R23, R26, R29, R32	10R	72-0509	
1	R52	3k9	72-0833	
8	R54-R55, R57, R59-R60, R62, R66, R86	470R	72-0669	
5	R56, R58, R61, R65, R87	2k49		
1	R82	2k	72-0815	
Sub-totals:				₺0,00

9 Integrated Circuits

Quantity	References	Value	Stock Code	Unit Cost
1	U1	ATMEGA2560		
1	U2	FT232RL		
3	U3-U5	TC4424A		
1	U6	DRV8825 POLOLU		
1	U7	MAX9926UAEE		
1	U8	HC-05		

1	U9	LM2940T-5		
Sub-totals:				₺0,00
16 Transistors				
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
16	Q1-Q16	IRFR024N		
Sub-totals:				₺0,00
4 Diodes				
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
4	D1-D3,D6	5V1 ZENER		
Sub-totals:				₺0,00
12 Miscellaneous				
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	DSW1-DSW2	DIPSW_4		
2	FU1-FU2	1A		
1	J1	ISP		
1	J2	USBCONN		
1	J3	CONN-SIL4		
2	J4-J5	24 PIN FCI	Digikey 66226-024-ND	
2	JP1-JP2	JUMPER		
1	X1	CRYSTAL		
Sub-totals:				₺0,00
Totals:				₺0,00

30 Aralık 2020 Çarşamba 18:53:31