Bill Of Materials for R&D

Design Title	R&D
Author	Aykut KELEŞ
Document Number	
Revision	1.0
Design Created	28 Haziran 2021 Pazartesi
Design Last Modified	2 Ağustos 2021 Pazartesi
Total Parts In Design	31

0 Modules

Quantity	References	Value	Stock Code	Unit Cost	PCB Package	Description	Name
Sub-totals:				₺0,00			

9 Capacitors

Quantity	References	Value	Stock Code	Unit Cost	PCB Package	Description	Name
2	C1,C6	10uF	399-C0603C106M7PAC7411CT-ND	₺0,25	0603_CAP	CAP CER 10UF 4V X5R 0603	C0603C106M7PAC7411
3	C2-C3,C7	0.1uF	399-1096-1-ND	₺0,11	0603_CAP	CAP CER 0.1UF 16V X7R 0603	C0603C104K4RACTU
3	C4-C5,C9	1nF	399-C0603C102J5RAC7411CT-ND	₺0,10	0603_CAP	CAP CER 1000PF 50V X7R 0603	C0603C102J5RAC7411
1	C8	10uF	399-3684-1-ND	₺0,37	1206 CAP POLARIZE	CAP TANT 10UF 10% 10V 1206	T491A106K010AT
Sub-totals:				₺1,50			

10 Resistors

Quantity	References	Value	Stock Code	Unit Cost	PCB Package	Description	Name
2	R1,R3	10k	311-10.0KHRCT-ND	₺0,10	0603_RES	RES SMD 10K OHM 1% 1/10W 0603	RC0603FR-0710KL
4	R2,R5,R7,R9	100R	311-100HRCT-ND	₺0,10	0603_RES	RES SMD 100 OHM 1% 1/10W 0603	RC0603FR-07100RL
4	R4,R6,R8,R10	255R	311-255HRCT-ND	₺0,10	0603_RES	RES SMD 255 OHM 1% 1/10W 0603	RC0603FR-07255RL
Sub-totals:				₺1,00			

2 Integrated Circuits

Quantity	References	Value	Stock Code	Unit Cost	PCB Package	Description	Name
1	U1	ESP32-WROOM-32D	1965-ESP32-WROOM-32D(4MB)CT-ND	₺3,80	ESP32-WROOM-32D-UPDATED	RX TXRX MOD WIFI TRACE ANT SMD	ESP32-WROOM-32D
1	U2	MCP4921-E/MS	MCP4921-E/MS-ND	₺2,19	SOP65P490X110-8N	IC DAC 12BIT V-OUT 8MSOP	MCP4921-E/MS
Sub-totals:				₺5,99			

0 Transistors

Quantity	References	Value	Stock Code	Unit Cost	PCB Package	Description	Name
Sub-totals:				₺0,00			

0 Diodes

Quantity	References	Value	Stock Code	Unit Cost	PCB Package	Description	Name
Sub-totals:				₺0,00			

10 Miscellaneous

Quantity	References	Value	Stock Code	Unit Cost	PCB Package	Description	Name
3	GND,RXD,TXD	PIN 4015			PIN 4015		PIN 4015
1	J1	SIL-100-03			SIL-100-03	0.1in pitch header block	SIL-100-03
1	J4	690367280476	732-1964-1-ND	₺0,59	690367280476	CONN RCPT 4POS 0.1 TIN SMD	690367280476
4	LD1-LD4	155124M173200	732-11414-1-ND	₺0,50	155124M173200	LED RGB CLEAR 1204 SMD R/A	155124M173200
1	S3	434153017835	732-10143-1-ND	₺0,56	434153017835	SWITCH TACTILE SPST-NO 0.05A 12V	434153017835
Sub-totals:				₺3,15			

Totals:				₺11,64			