



Bill of Materi Motherboard\_Bracelet.PrjPcb

Source Data From:	Motherboard_Bracelet.PrjPcb
Variant:	None
Report Date:	4/4/2024 2:35 AM

ITEM:	Value	Description	Designator	Qty	Manufacturer	Part Number	Size	Supplier	Supplier Part Number
1	4u7F	4.7 µF ±10% 25V Ceramic Capacitor X5R 0603 (1608 Metric)	C1, C2	2	Samsung Electro-Mechanics	CL10A475KA8NQNC	603	Digi-Key	1276-1900-2-ND
2	10uF X5R	10 µF ±10% 10V Ceramic Capacitor X5R 0805 (2012 Metric)	C3, C5, C8	3	KEMET	C0805C106K8PAC7800	805	Digi-Key	399-C0805C106K8PAC7800TR-ND
3	1uF	1 µF ±10% 50V Ceramic Capacitor X5R 0603 (1608 Metric)	C4, C6, C7	3	TDK Corporation	C1608X5R1H105K080AB	603	Digi-Key	445-7468-2-ND
4	BPSC-04	BARRA DE PINOS FILEIRA SIMPLES 180 GRAUS 04 VIAS DOURADA, PASSO DE 2,54MM,	CN1	1	Metaltex	BPSC-04	Passo 2.54mm	Metaltex	BPSC-04
5	BPSC-03	BARRA DE PINOS FILEIRA SIMPLES 180 GRAUS 03 VIAS DOURADA, PASSO DE 2,54MM, COMPRIMENTO DE 11,54MM	CN2	1	Metaltex	BPSC-03	Passo 2.54mm	Metaltex	BPSC-03
6	PHMN4-02	CONECTOR MACHO PARA PCI, 2 VIAS, 90 GRAUS, PASSO 2,0MM	CN3	1	Metatex	PHMN4-02	Passo 2.00mm		
7	Jack P4		CN4	1					
8	IDCSN-10	IDCSN-10 CONECTOR BOX HEADER SEM EJETOR, 10 VIAS (2X5), 90 GRAUS, PASSO 2,54MM	CN5	1	METALTEX	IDCSN-10	2.54mm	Digi-Key	
9	Red-Diffused	Vermelho 633nm Indicadores LED - Discreto 2V 0805 (métrico 2012)	LD1	1	ams-OSRAM USA INC.	LS R976-NR-1	805	Digi-Key	475-LSR976-NR-1TR-ND
10	10k	10 kOhms ±1% 0,1W, 1/10W Resistor de chip 0603 (métrico 1608) Resistente à umidade Filme grosso	R1, R3, R8, R9	4	YAGEO	RC0603FR-0710KL	603	Digi-Key	311-10.0KHRTR-ND
11	470R	470 Ohms ±1% 0,1W, 1/10W Chip Resistor 0603 (1608 Metric) Moisture Resistant Thick Film	R2	1	YAGEO	RC0603FR-07470RL	603	Digi-Key	311-470HRTR-ND
12	100R	100 Ohms ±1% 0,1W, 1/10W Resistor de chip 0603 (métrico 1608) Resistente à umidade Filme grosso	R4, R5, R6, R7	4	YAGEO	RC0603FR-07100RL	603	Digi-Key	311-100HRTR-ND
13		Botão em pad	SW1	1				Digi-Key	
14	ESP32-WROOM-32D	RF TXRX MODULE BT TRACE ANT SMD Bluetooth, WiFi 802.11b/g/n, Bluetooth v4.2 + EDR, Classe 1, 2 e 3 Módulo transceptor 2,4GHz a 2,5GHz Integrado, Trace Montagem em superfície	U1	1	ESP32	ESP32-WROOM-32D-N4		Digi-Key	1965-ESP32-WROOM-32D-N4TR-ND
15	MCP73831-2AC/MC	IC BATT CONTRL LHON 1CELL 8DFN CI carregador lón / polímero de lítio 8-DFN (2x3)	U2	1	Microchip Technology	MCP73831-2AC/MC	DFN - 8	Digi-Key	MCP73831-2AC/MC-ND
16	MCP1700T	IC REG LINEAR 3.3V 250mA CI regulador de tensão linear Positivo Fixo 1 Saída 250mA SOT-23-3	U3	1	Microchip Technology	MCP1700T-3302E/TT	SOT23-3	Digi-Key	MCP1700T3302ETTTTR-ND