



Bill of Materi Motherboard_Bracelet.PrjPcb

Source Data From: Motherboard_Bracelet.PrjPcb
Variant: None
Report Date: 5/28/2024 8:41 PM

ITEM:	Value	Description	Designator	Qty	Manufacturer	Part Number	Size	Supplier	Supplier Part Number
1	10uF	10 µF ±10% 10V Ceramic Capacitor X5R 0805 (2012 Metric)	C1, C2, C4	3	KEMET	C0805C106K8PAC7800	805	Digi-Key	399-C0805C106K8PAC7800TR-ND
2	1uF	1 µF ±10% 50V Ceramic Capacitor X5R 0603 (1608 Metric)	C3, C7, C8	3	TDK Corporation	C1608X5R1H105K080AB	603	Digi-Key	445-7468-2-ND
3	4u7F	4.7 µF ±10% 25V Ceramic Capacitor X5R 0603 (1608 Metric)	C5, C6	2	Samsung Electro-Mechanics	CL10A475KA8NQNC	603	Digi-Key	1276-1900-2-ND
4	S7B-PH-SM4-TB	Conector barra de pinos Montagem em superfície, ângulo reto 7 position 0,079" (2,00mm) Conector Femea: PHR-7 Terminal: SPH-002T-P0.5L	CN1, CN2	2	JST Sales America Inc.	S7B-PH-SM4-TB	2.00MM	Digi-Key	455-S7B-PH-SM4-TBTR-ND
5	BPSC-03	BARRA DE PINOS FILEIRA SIMPLES 180 GRAUS 03 VIAS DOURADA, PASSO DE 2,54MM, COMPRIMENTO DE 11,54MM	CN3	1	Metaltex	BPSC-03	Passo 2.54mm	Metaltex	BPSC-03
6	BPSC-04	BARRA DE PINOS FILEIRA SIMPLES 180 GRAUS 04 VIAS DOURADA, PASSO DE 2,54MM,	CN4	1	Metaltex	BPSC-04	Passo 2.54mm	Metaltex	BPSC-04
7	440055-3	Conector barra de pinos Furo passante, ângulo direito 3 position 0,079" (2,00mm) Conector Femea: 440129-3 Terminal: 440132-1	CN5	1	TE Connectivity AMP Connectors	440055-3	2.00MM	Digi-Key	A100044-ND
8	440055-2	Conector barra de pinos Furo passante, ângulo direito 2 position 0,079" (2,00mm) Conector Femea: 440129-2 Terminal: 440132-1	CN6	1	TE Connectivity AMP Connectors	440055-2	2.00MM	Digi-Key	A100043-ND
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, R4, R5, R7	4	YAGEO	RC0603FR-0710KL	603	Digi-Key	311-10.0KHRTR-ND
11	0R	RES 0 OHM JUMPER 1/10W 0 Ohms Jumper Chip Resistor 0603 (1608 Metric) Moisture Resistant Thick Film	R2, R3	2	YAGEO	RC0603JR-070RL	603	Digi-Key	311-0.0GRTR-ND
12	470R	470 Ohms ±1% 0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Moisture Resistant Thick Film	R6	1	YAGEO	RC0603FR-07470RL	603	Digi-Key	311-470HRTR-ND
13	100R	100 Ohms ±1% 0,1W, 1/10W Resistor de chip 0603 (métrico 1608) Resistente à umidade Filme grosso	R8, R9, R10, R11	4	YAGEO	RC0603FR-07100RL	603	Digi-Key	311-100HRTR-ND
14	Pad	Botão em pad Tamnha 0805	SW1	1			805	Digi-Key	
15	MCP73831T	CI carregador Ion / polímero de lítio SOT-23-5	U1	1	Microchip Technology	MCP73831T-2ACI/OT	SOT23-5	Digi-Key	MCP73831T-2ACI/OTTR-ND
16	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	U2	1	ESP32	ESP32-WROOM-32D-N4		Digi-Key	1965-ESP32-WROOM-32D-N4TR-ND
17	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