



Bill of Materi Drivers_Motores.PrjPcb

Source Data From:	Drivers_Motores.PrjPcb
Variant:	None
Report Date:	5/28/2024 8:56 PM

ITEM:	Value	Description	Designator	Qty	Manufacturer	Part Number	Size	Supplier	Supplier Part Number
1	10uF X5R	10 µF ±10% 10V Ceramic Capacitor X5R 0805 (2012 Metric)	C1, C3, C5, C6, C8, C9, C10, C11	8	KEMET	C0805C106K8PAC7800	805	Digi-Key	399-C0805C106K8PAC7800TR-ND
2	10nF	10nF ±10% 50V Ceramic Capacitor X7R 0603 (1608 Metric)	C2, C4, C7, C12, C13, C14, C15, C16, C17, C18	10	TDK Corporation	C1608X7R1H103K080AA	603	Digi-Key	445-1311-2-ND
3	IDCSC-26	IDCSC-26 CONECTOR BOX HEADER SEM EJETOR, 26 VIAS (2X13), 180 GRAUS, PASSO 2,54MM	CN1	1	METALTEX	IDCSC-26	2.54mm	Digi-Key	
4	PHMN4-02	CONECTOR MACHO PARA PCI, 2 VIAS, 90 GRAUS, PASSO 2,0MM	CN2, CN3, CN4, CN5, CN6, CN7	6	Metatex	PHMN4-02	Passo 2.00mm		
5	47k	47 kOhms ±1% 0,1W, 1/10W Resistor de chip 0603 (métrico 1608) Resistente à umidade Filme grosso	R1	1	YAGEO	RC0603FR-0747KL	603	Digi-Key	311-47.0KHRTR-ND
6	100k	100 kOhms ±1% 0,1W, 1/10W Resistor de chip 0603 (métrico 1608) Resistente à umidade Filme grosso	R2, R3, R6, R7, R10, R12, R14	7	YAGEO	RC0603FR-07100KL	603	Digi-Key	311-100KHRTR-ND
7	1k	1 kOhms ±1% 0,1W, 1/10W Resistor de chip 0603 (métrico 1608) AEC-Q200 automotivo Filme grosso	R4, R5, R8, R9, R11, R13	6	Panasonic Electronic Components	ERJ-3EKF1001V	603	Digi-Key	P1.00KHTR-ND
8	DRV8833PW	IC MOTOR DRIVER PAR 16-TSSOP Bipolar Controlador de motor NMOS PWM 16-TSSOP	U1, U2, U3	3	Texas Instruments	DRV8833PW	TSSOP-16	Digi-Key	DRV8833PW-ND
9	LM339DR2G	IC COMPARATOR 4 GEN PUR Comparador Uso geral CMOS, coletor aberto, TTL 14-SOIC	U4, U5	2	onsemi	LM339DR2G	SOIC-14	Digi-Key	LM339DR2GOSTR-ND