

Line#	Description	Designator	Quantity	Manufacturer	Manufacturer Part Number	Supplier 1	Supplier Part Number 1
	Arduino mini pro 5V	Mini Pro		1			
	CAPACITOR, European symbol	C3		1 KEMET		RSComponents	264-4416
	H-bridge driver for brush motors						
	Source:	104					
	http://www.rohm.com/products/data	IC1		1			
	book/motor/pdf/bd623x_series-e.pdf						
	Molded plesite IEDEC COD 122/Mini		<u> </u>				
	Molded plasitc, JEDEC SOD-123/Mini	D1		1 Diades	DAV/2014/ 7 F	DCComponente	751 2442
	SMA Source: Comchip CGRM4001- G.pdf	וע		1 Diodes	BAV20W-7-F	RSComponents	751-3443
	Molded plasitc, JEDEC SOD-123/Mini						
	SMA Source: Comchip CGRM4001-	D2		1 Diodes	BAV20W-7-F	RSComponents	751-3443
	G.pdf	D.L.		Diodos	D. 172017	Rodompononio	701 0110
	Molded plasitc, JEDEC SOD-123/Mini						
	SMA Source: Comchip CGRM4001-	D3		1 Diodes	BAV20W-7-F	RSComponents	751-3443
	G.pdf						
	Molded plasitc, JEDEC SOD-123/Mini			ON			
	SMA Source: Comchip CGRM4001-	D4		1 ON Semiconductor	MBR2H200SFT1G	RSComponents	842-7797
	G.pdf					·	
	Molex Connector for motor	U_MOT		1 Molex	53047-0210	RSComponents	279-9213
	Molex connector for position sensor	U_POT		1 Molex	53047-0310	RSComponents	319-1064
	Molex connector for push button	Molex		1 Molex	53014-0610	RSComponents	688-2643
	PhotoMOS GU SOP 1 Form A High	·					
	Capacity, 60 V Load Voltage, 1.25 A	IC3		1 Omron	G3VM-351GL	Farnell	2065737
	Continuous Load Current, -40 to 85	103		TOTAL OF	03V IVI-33 IGE	i di ileli	2003/3/
	degC, 4-Pin SOP, Tube, RoHS						1
	Positive VOLTAGE REGULATOR						
	Source:			1_			
	http://cache.national.com/ds/LM/LM7	IC2		1 ST	L7805ACV	RSComponents	295-8508
	8L05.pdf			Microelectronic			
	http://www.fairchildsemi.com/ds/LM/						
	LM7805.pdf						
	RELAY 1 x switch, 0.5 A/125 V AC, 1	K1		1 Omron	G5V-1-DC5	RSComponents	8411420
	A/24 V DC , Omron			1			
	RELAY 1 x switch, 0.5 A/125 V AC, 1	K2		1 Omron	G5V-1-DC5	RSComponents	8411420
	A/24 V DC , Omron						
	RELAY 1 x switch, 0.5 A/125 V AC, 1	K3		1 Omron	G5V-1-DC5	RSComponents	8411420
	A/24 V DC , Omron		-		CRT0805-FZ-		
	RESISTOR, European symbol	R1		1 Bourns	1002ELF	RSComponents	740-9224
					CRT0805-FZ-		
	RESISTOR, European symbol	R2		1 Bourns	1002ELF	RSComponents	740-9224
			+		CRT0805-FZ-		1
	RESISTOR, European symbol	R3		1 Bourns	1002ELF	RSComponents	740-9224
					CRT0805-FZ-		
	RESISTOR, European symbol	R4		1 Bourns	1002ELF	RSComponents	740-9224
					CRT0805-FZ-		
	RESISTOR, European symbol	R5		1 Bourns	1002ELF	RSComponents	740-9224
					CRT0805-FZ-		
	RESISTOR, European symbol	R_FIN		1 Bourns	1002ELF	RSComponents	740-9224
	DECICTOR Furance	D CND		1 Dayma	CRT0805-FZ-	DCComp	740 0224
	RESISTOR, European symbol	R_GND	<u> </u>	1 Bourns	1002ELF	RSComponents	740-9224
	DESIGNATION OF THE PROPERTY OF	D ODEN UD		1 Pourne	CRT0805-FZ-	DSComponents	740 0224
	RESISTOR, European symbol	R_OPEN_UP		1 Bourns	1002ELF	RSComponents	740-9224
	RESISTOR, European symbol	R_OPTO		1 Panasonic	ERA6AEB7320V	Farnell	1810490
	RESISTOR, European symbol	R_RIN		1 Bourns	CRT0805-FZ-	RSComponents	740-9224
	mediation, europedit symbol			. Dourns	1002ELF		, 10 /224
	RESISTOR, European symbol	R_TILT_UP		1 Bourns	CRT0805-FZ-	RSComponents	740-9224
					1002ELF	·	
	Transistor	T1		1 Diodes	2N7002-7-F	RSComponents	7082396
	Transistor	T2		1 Diodes	2N7002-7-F	RSComponents	7082396
	Transistor	T3	-	1 Diodes	2N7002-7-F	RSComponents	7082396
	Transistor	T4		1 Diodes	2N7002-7-F	RSComponents	7082396
	WCAP-ATG8 Aluminum Electrolytic	C4		1 Nichicon	UMA1A330MDD	RSComponents	475-9172
	Capacitors, 5x11mm, 10 Vdc, 33 uF WCAP-ATG8 Aluminum Electrolytic					-	-
	WCAP-ATG8 Aluminum Electrolytic Capacitors, 8x11.5mm, 16 Vdc, 330 uF	C1		1 CDE Illinois	337CKS025M	Farnell	1203711
	WCAP-ATG8 Aluminum Electrolytic		-	Capacitor CDE Illinois	+	 	-
	Capacitors, 8x11.5mm, 16 Vdc, 330 uF	C2		1 Capacitor	337CKS025M	Farnell	1203711
	WCAP-CSGP Ceramic Capacitors, 0805,		<u> </u>			 	1
	X7R, 10V, 1uF	C5		1 Kyocera AVX	0805ZC105KAT2A	RSComponents	1358615
	WCAP-CSGP Ceramic Capacitors, 0805,			1	C0805C103J5RACT	 	1
	X7R, 10V, 1uF	C6		1 KEMET	U	RSComponents	8029917
	WCAP-CSGP Ceramic Capacitors, 0805,					 	
	X7R, 10V, 1uF	C7		1 Kyocera AVX	0805ZC105KAT2A	RSComponents	1358615
	WR-MM Connector 6 pins	CON3		1 Wurth	690207100672	RSComponents	771-8222
	WR-MM Connector 6 pins	K01	1	1 Wurth	690207100672	RSComponents	771-8222