

Part List for the Arduino Serial Board (RS232) V2

APPROVED 20051017 by David Cuartielles

Digikey parts from Tom Igoe

Arduino RS232 BOM							
Parts	Qty	Value	Device	Farnell	RS	ELFA	Digikey
S1	1		Reset pusbutton	535916		35- 656- 29	SW400-ND
IC2	1	78xxL	7805 TO220	701853		73- 000- 16	LM7805CT-ND
X1	1		DB9 PCB female connector	4106118		44- 057- 00	A2100-ND
LED1	1		Green LED	656719		75- 012- 08	160-1144-ND
POWER	1		4 pin header	3291777		43- 782- 79	A26509-20-ND
J2	1		6pins header			43- 782- 95	A26509-20-ND
J1, J3	2		8 pins header			43- 783- 11	A26509-20-ND

X2	1		2.1mm power jack	224959		42-051-67	CP-102AH-ND
Q1	1		16 MHz Quartz	641029		74-517-01	300-6034-ND
D1	1	1N4004	1N4004 or equivalent	251707		70-003-91	1N4004GICT-ND
D2, D3	2	1N4148	1N4148	399390		70-005-57	1N4148FS-ND
R1	1	4k7	1/4 W resistor	509243		60-785-70	4.7KQBK-ND
R2	1	220	1/4 W resistor	509097		60-784-14	220QBK-ND
R3,R4	2	1k	1/4 W resistor	509164		60-784-97	1.0KQBK-ND
R5, R6, R7, R8, R9	5	10k	1/4 W resistor	509280		60-786-12	10KQBK-ND
C1, C5	2	100n	Polyester Capacitor	146079		65-505-29	P4201-ND
C2, C3	2	22p	Polyester Capacitor	896410		65-861-68	1330PH-ND
C6, C7	2	100u	Electrolitic Capacitor	920629		67-010-80	P10269-ND
C8	1	10u	Electrolitic Capacitor	920502		67-008-01	P11250-ND
IC1	1	ATMEGA8	Atmega8 28pin DIP microcontroller	3917927		73-672-04	ATMEGA8-16PI-ND
X3	1		28pin IC socket			48-161-87	ED3128-ND
T1	1	BC547	Transistor	357054		71-072-87	BC547BOS-ND
T2	1	BC557	Transistor	4399821		71-072-95	BC327OS-ND
ICSP	1	ICSP	2x3 pins header	3291947		43-717-12	A26509-20-ND

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