



Partlist exported from D:/eagle cad/projects/Prop Hybrid/Prop Hybrid V1.sch at 18/09/2007 13:16:33

Part	Value	Device	Package	Description	Digi key Part No.
C1	10uF	CPOL-EUE2-5	E2-5	POLARIZED CAPACITOR, European symbol	487-1837-ND
C2	0.1uF	CAPPTH	CAP-PTH-SMALL	Capacitor	P4923-ND
C3	0.1uF	CAPPTH	CAP-PTH-SMALL	Capacitor	P4923-ND
C4	0.1uF	CAPPTH	CAP-PTH-SMALL	Capacitor	P4923-ND
C5	0.1uF	CAPPTH	CAP-PTH-SMALL	Capacitor	P4923-ND
C6	0.1uF	CAPPTH	CAP-PTH-SMALL	Capacitor	P4923-ND
C7	10uF	CAPPTH	CAP-PTH-SMALL	Capacitor	487-1837-ND
C8	0.1uF	CAPPTH	CAP-PTH-SMALL	Capacitor	P4923-ND
C9	10nF	CAPPTH	CAP-PTH-SMALL	Capacitor	495-1078-1-ND
D1	1N4004	1N4004	DO41-10	DIODE	1N4004DI CT-ND
R1	560R	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R2	270R	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R3	560R	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R4	1K1	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R5	270R	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R6	100R	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R7	10K	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R8	10K	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R9	100R	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R10	100R	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R11	10K	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	

R12	10K	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R13	100R	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R14	270R	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R15	270R	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R16	10K	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R17	270R	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R18	10K	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R19	270R	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R20	10K	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R21	10K	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R22	4K7	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R23	10K	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R24	1K	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R25	10K	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R26	10K	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
R27	10K	RESISTORPTH1	AXIAL-0.3	0.25W Resistor	
RESET		TACTSWITCHPTH	TACTILE-PTH	Momentary Switch	P8006S-ND
RN1	10K	RN09	RN-10	RESISTOR NETWORK	4610X-1-103LF-ND
RN2	10K	RN09	RN-10	RESISTOR NETWORK	4610X-1-103LF-ND
RN3	10K	RN09	RN-10	RESISTOR NETWORK	4610X-1-103LF-ND
SERIAL		DB9	DB9	DB9 Connector	182-09ME-ND
JOYSTICK_0		DB9	DB9	DB9 Connector	182-09ME-ND
JOYSTICK_1		DB9	DB9	DB9 Connector	182-09ME-ND
SHIFTREG		MA05-1	MA05-1	PIN HEADER	

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SHIFTRREG1		MA05-1	MA05-1	PIN HEADER	
SV1		MA20-2	MA20-2	40 WAY DIL PIN HEADER	MHB40K-ND
SW1		SW_DIP-4	EDG-04	DIP SWITCH	CT2064-ND
T1	BC547	BC547	T092	NPN TRANSISTOR	BC547BG0S-ND
T2	BC547	BC547	T092	NPN TRANSISTOR	BC547BG0S-ND
Q2	BC560	BC560	T092-EBC	PNP Transistor	BC560-ND
U\$1	RCAJACK	RCAJACK	RCAJACK		CP1400-ND
U\$2	RCAJACK	RCAJACK	RCAJACK		CP1400-ND
U\$3	P8X32A-D40	P8X32A-D40	PROPELLER-40-DIP	P8X32A-D40 (40-pin DIP) chip	P8X32A-D40-ND
U\$4	LM1086	LM1086	LM1086	3V3 REGULATOR	LM1086CS-3.3-ND
U\$5	24LC256	24LC256	EEPROM-8-DIP		24LC512-I/P-ND
U\$6	LM1086	LM1086	LM1086	5V REGULATOR	LM1086CS-5.0-ND
X1	SDBMF	SDBMF	SDBMF-009XXBXX2	SD MEMORY CARD	
EXPANSION	PCBEDGE10+10	PCBEDGE10+10	PCBEDGE10+10	20 WAY PCB EDGE CONNECTOR	EDC395202-ND *
MODIFICATION REQ *					
I2C		MA04-1	MA04-1	PIN HEADER	
IC1	4021N	4021N	DIL16	8-bit static SHIFT REGISTER	497-1352-5-ND
IC2	4021N	4021N	DIL16	8-bit static SHIFT REGISTER	497-1352-5-ND
KEYBOARD		MINI_DIN_6	M_DIN6	PS/2 KEYBOARD CONNECTOR	CP-2260-ND
MOUSE		MINI_DIN_6	M_DIN6	PS/2 MOUSE CONNECTOR	CP-2260-ND
LED1		LED3MM	LED3MM	LED	160-1034-ND
LED2		LED3MM	LED3MM	LED	160-1034-ND
LED3		LED3MM	LED3MM	LED	160-1034-ND
LED4		LED3MM	LED3MM	LED	160-1034-ND
OFF/ON		SWITCH-SPST	SWITCH-SPST	SPST Switch	EG1903-ND

PROP_PLUG	MA04-1	MA04-1	Prop Hybrid V1_01.TXT PIN HEADER	M4102-ND
Q1	CRYSTALHC49S	HC49/S	6 MHz CRYSTAL	CTX026-ND
9-12VDC	POWER_JACKSLT	POWER_JACKSLT	POWER_JACK_SLOT	Power Jack
				CP-102A-ND