Partlist exported from C:/Users/pimen/Documents/EAGLE/projects/Catch_the_light_Phase_2 Rev A/Schematic.sch at 12/4/2019 2:40 PM

Part	Value	Device	Package	Description
C1	100n	C-USC0805	C0805	CAPACITOR, American symbol
C2	100n	C-USC0805	C0805	CAPACITOR, American symbol
C3	100n	C-USC0805	C0805	CAPACITOR, American symbol
C4	100n	C-USC0805	C0805	CAPACITOR, American symbol
C5	100n	C-USC0805	C0805	CAPACITOR, American symbol
C6	100n	C-USC0805	C0805	CAPACITOR, American symbol
CR2032		BC-2003SMD	BC-2003	Batter Holder for the following:
ISP1	AVRISP-6	AVRISP-6	AVRISP	AVR ISP HEADER
LED1	Green	LEDCHIP-LED0805	CHIP-LED0805	LED
LED2	Blue	LEDCHIP-LED0805	CHIP-LED0805	LED
LED3	Red	LEDCHIP-LED0805	CHIP-LED0805	LED
LED4	Red	LEDCHIP-LED0805	CHIP-LED0805	LED
LED5	RED	LEDCHIP-LED0805	CHIP-LED0805	LED
LED6	Red	LEDCHIP-LED0805	CHIP-LED0805	LED
LED7	Red	LEDCHIP-LED0805	CHIP-LED0805	LED
LED8	Red	LEDCHIP-LED0805	CHIP-LED0805	LED
LED9	Red	LEDCHIP-LED0805	CHIP-LED0805	LED
LED10	Red	LEDCHIP-LED0805	CHIP-LED0805	LED
LED11	Red	LEDCHIP-LED0805	CHIP-LED0805	LED
LED12	Red	LEDCHIP-LED0805	CHIP-LED0805	LED
LED13	Red	LEDCHIP-LED0805	CHIP-LED0805	LED
LED14	Red	LEDCHIP-LED0805	CHIP-LED0805	LED
LED15	Red	LEDCHIP-LED0805	CHIP-LED0805	LED
LED16	Blue	LEDCHIP-LED0805	CHIP-LED0805	LED
Q1		CRYSTALHC49UP	HC49UP	CRYSTAL
Q2	SI2323DS	SI2323DS	SOT23	P-Channel MOSFET
R1	1.5k	R-EU_R0805	R0805	RESISTOR, European symbol
R2	1.5k	R-EU_R0805	R0805	RESISTOR, European symbol
R3	1.5k	R-EU_R0805	R0805	RESISTOR, European symbol
R4	1.5k	R-EU_R0805	R0805	RESISTOR, European symbol
R5	1.5k	R-EU_R0805	R0805	RESISTOR, European symbol
R6	1.5k	R-EU_R0805	R0805	RESISTOR, European symbol
R7	1.5k	R-EU_R0805	R0805	RESISTOR, European symbol
R8	1.5k	R-EU_R0805	R0805	RESISTOR, European symbol
R9	1.5k	R-EU_R0805	R0805	RESISTOR, European symbol
R10	1.5k	R-EU_R0805	R0805	RESISTOR, European symbol
R11	1.5k	R-EU_R0805	R0805	RESISTOR, European symbol
R12	1.5k	R-EU_R0805	R0805	RESISTOR, European symbol
R13	1.5k	R-EU_R0805	R0805	RESISTOR, European symbol
R14	1.5k	R-EU_R0805	R0805	RESISTOR, European symbol

R15	1.5k	R-EU_R0805	R0805	RESISTOR, European symbol
R16	1.5k	R-EU_R0805	R0805	RESISTOR, European symbol
R17	10k	R-EU_R0805	R0805	RESISTOR, European symbol
R18	10k	R-EU_R0805	R0805	RESISTOR, European symbol
R19	0	R-EU_R0805	R0805	RESISTOR, European symbol
R20	0	R-EU_R0805	R0805	RESISTOR, European symbol
S2	DTSM-6	DTSM-6	DTSM-6	
TC1	TC2030-IDC-NL	TC2030-IDC-NL	TC2030-IDC-NL	Tag-Connect In Circuit Programming & Debug Cable 6 Pin
U$1	TEST_POINT	TEST_POINT	TEST_POINT	
U$2	TEST_POINT	TEST_POINT	TEST_POINT	
U$3	TEST_POINT	TEST_POINT	TEST_POINT	
U$4	TEST_POINT	TEST_POINT	TEST_POINT	
U$5	TEST_POINT	TEST_POINT	TEST_POINT	
U$6	PINHEADER	PINHEADER	HEADERPIN	
U$7	FIDUCIAL	FIDUCIAL	FIDUCIAL_1MM	For use by pick and place machines to calibrate the vision/machine, 1mm
U$8	FIDUCIAL	FIDUCIAL	FIDUCIAL_1MM	For use by pick and place machines to calibrate the vision/machine, 1mm
U$9	FIDUCIAL	FIDUCIAL	FIDUCIAL_1MM	For use by pick and place machines to calibrate the vision/machine, 1mm
U$10	UMASSLGOARNIE	UMASSLGOARNIE	UMASSLOGOARNIE	
U$11	ECE_LOGO	ECE_LOGO	ECE	
U$12	UMDLOGO	UMDLOGO	UMDLOGO	
U1	ATMEGA328PB-AUR	ATMEGA328PB-AUR	QFP80P900X900X120-32N	ATmega Series 20 MHz 32 KB Flash 2 KB SRAM 8-Bit Microcontroller - TQFP-32