

Partlist exported from C:/Users/Henrik/Documents/GitHub/g5-pcb/eagle/Display/Rat/rat.sch at 28-03-2014 09:40:08

Part	Value	Device	Package	Description
C1	22pF	C5/2.5	C5B2.5	CAPACITOR
C2	22pF	C5/2.5	C5B2.5	CAPACITOR
C3	680 uf	CPOL-EUE5-10.5	E5-10,5	POLARIZED
C4	220 uf	CPOL-EUE2.5-7	E2,5-7	POLARIZED
C5	100nF	C-EUC0603K	C0603K	CAPACITOR
C6	100nF	C-EUC0603K	C0603K	CAPACITOR
C19	100nF	C-EUC0603K	C0603K	CAPACITOR
D1	1n5824	SCHOTTKY-DIODEP6T15	P6T15	Schottky Diode
IC1	4511D	4511D	SO16	BCD to 7-segm
IC2	MEGA128-A	MEGA128-A	TQFP64	
IC3	PCA82C250T	PCA82C250T	SO8	CAN CONTROLLER
IC4	74LS138D	74LS138D	SO16	3-line to 8
IC5	74LS138D	74LS138D	SO16	3-line to 8
IC6	LM3914V	LM3914V	PLCC20S	Dot/Bar
IC7	LM3914V	LM3914V	PLCC20S	Dot/Bar
IC8		LM2596S	TO263-5	STEP-DOWN
JP1		PINHD-1X2	1X02	PIN HEADER
JP2	STAND-OFF	STAND-OFF	STAND-OFF	Stand Off
JP3	STAND-OFF	STAND-OFF	STAND-OFF	Stand Off
JP4	STAND-OFF	STAND-OFF	STAND-OFF	Stand Off
JP5	STAND-OFF	STAND-OFF	STAND-OFF	Stand Off
JP6		M08BM08B-SRSS-TB	BM08B-SRSS-TB	Header 8
L1	33 uh	L-USTFI0410	TFI0410	INDUCTOR
LED1	RGBLED5050	RGBLED5050	RGBLED5050	5050 RGB LEDs
LED4	RGBLED5050	RGBLED5050	RGBLED5050	5050 RGB LEDs
LED5	RGBLED5050	RGBLED5050	RGBLED5050	5050 RGB LEDs
LED6	RGBLED5050	RGBLED5050	RGBLED5050	5050 RGB LEDs
LED7	RGBLED5050	RGBLED5050	RGBLED5050	5050 RGB LEDs
LED8	RGBLED5050	RGBLED5050	RGBLED5050	5050 RGB LEDs
LED9	RGBLED5050	RGBLED5050	RGBLED5050	5050 RGB LEDs
LED10	RGBLED5050	RGBLED5050	RGBLED5050	5050 RGB LEDs
LED11	GREEN	LEDSMT1206	1206	LED
LED12	GREEN	LEDSMT1206	1206	LED
LED13	GREEN	LEDSMT1206	1206	LED
LED14	GREEN	LEDSMT1206	1206	LED
LED15	GREEN	LEDSMT1206	1206	LED
LED16	GREEN	LEDSMT1206	1206	LED
LED17	GREEN	LEDSMT1206	1206	LED
LED18	GREEN	LEDSMT1206	1206	LED
LED19	GREEN	LEDSMT1206	1206	LED
LED20	GREEN	LEDSMT1206	1206	LED
LED21	GREEN	LEDSMT1206	1206	LED
LED22	GREEN	LEDSMT1206	1206	LED
LED23	GREEN	LEDSMT1206	1206	LED
LED24	GREEN	LEDSMT1206	1206	LED
LED25	GREEN	LEDSMT1206	1206	LED
LED26	GREEN	LEDSMT1206	1206	LED
LED27	GREEN	LEDSMT1206	1206	LED
LED28	GREEN	LEDSMT1206	1206	LED
LED29	GREEN	LEDSMT1206	1206	LED
LED30	GREEN	LEDSMT1206	1206	LED
PROGRAM_IN		PINHD-2X3	2X03	PIN HEADER
Q1	18.4320 MHz	CRYSTALHC49U70	HC49U70	CRYSTAL
R1	120	R-EU_R0603	R0603	RESISTOR
R2	200	R-EU_R0603	R0603	RESISTOR

R3	200	R-EU_R0603	R0603	RESISTOR
R4	200	R-EU_R0603	R0603	RESISTOR
R5	2k2	R-EU_R0603	R0603	RESISTOR
R6	3k3	R-EU_R0603	R0603	RESISTOR
R9	1k	R-EU_R0603	R0603	RESISTOR
U\$2	REDSEVENSEGMENT	REDSEVENSEGMENT	REDSEGMENT	
U\$3	REDSEVENSEGMENT	REDSEVENSEGMENT	REDSEGMENT	
U\$4	REDSEVENSEGMENT	REDSEVENSEGMENT	REDSEGMENT	
U\$5	REDSEVENSEGMENT	REDSEVENSEGMENT	REDSEGMENT	
U\$6	REDSEVENSEGMENT	REDSEVENSEGMENT	REDSEGMENT	
U\$7	REDSEVENSEGMENT	REDSEVENSEGMENT	REDSEGMENT	
U\$8	REDSEVENSEGMENT	REDSEVENSEGMENT	REDSEGMENT	
U\$12	15MM-DRILLHOLE	15MM-DRILLHOLE	15MM-DRILLHOLE	
U\$13	15MM-DRILLHOLE	15MM-DRILLHOLE	15MM-DRILLHOLE	
U\$14	15MM-DRILLHOLE	15MM-DRILLHOLE	15MM-DRILLHOLE	
U\$15	15MM-DRILLHOLE	15MM-DRILLHOLE	15MM-DRILLHOLE	
UART1		PINH-1X3	1X03	PIN HEADER