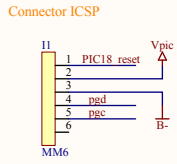
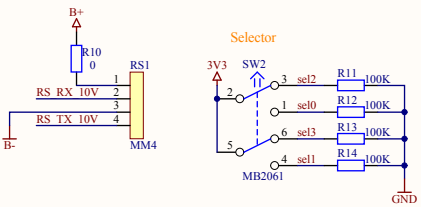
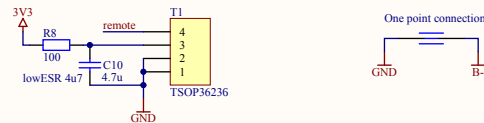
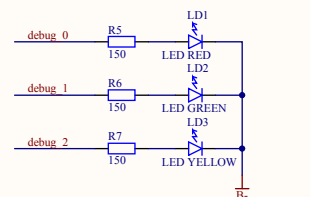
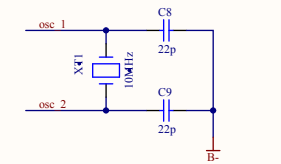
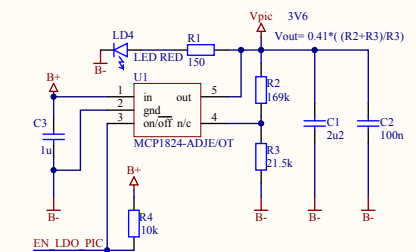
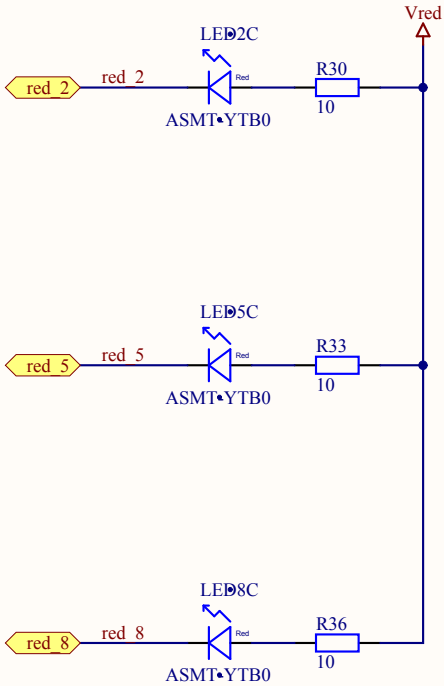
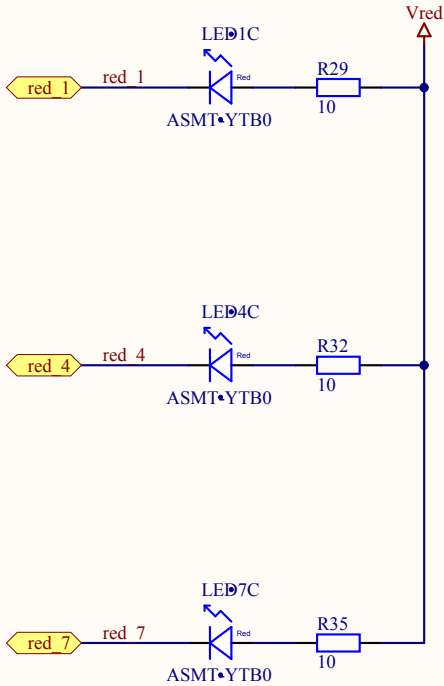
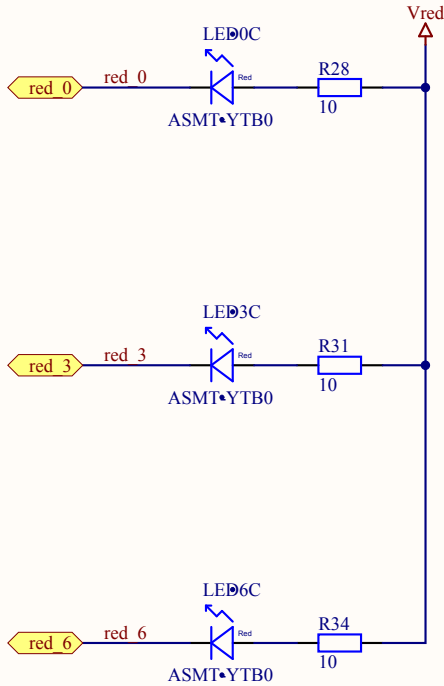




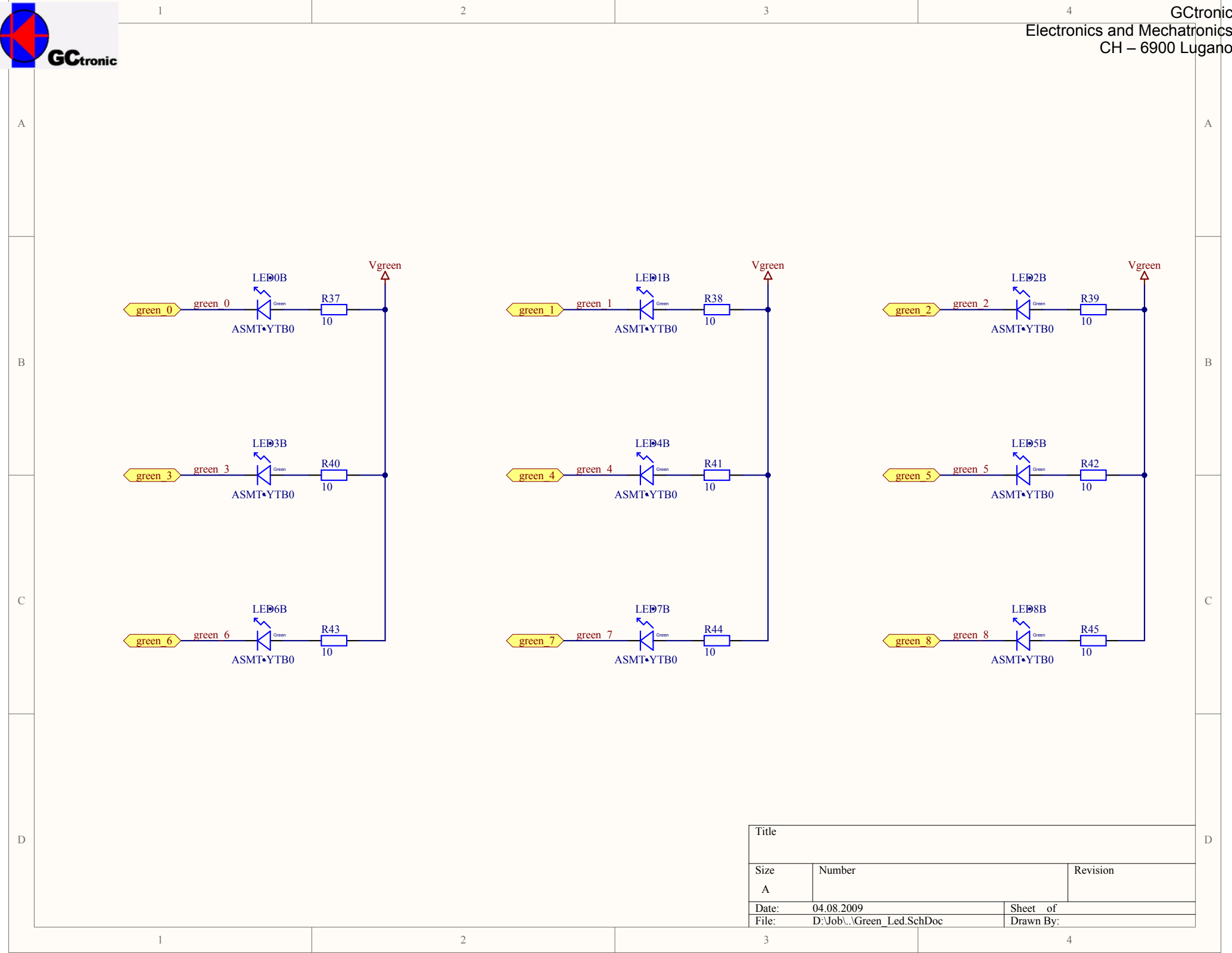
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B		PIC PIC_RGB_3x3.SchDoc		Green_LED Green_LED.SchDoc		B													
C				Blue_LED Blue_LED.SchDoc		C													
D				IR_LED IR_LED.SchDoc		D													
				<table><tr><td colspan="3">Title</td></tr><tr><td>Size A</td><td>Number</td><td>Revision</td></tr><tr><td>Date:</td><td>04.08.2009</td><td>Sheet of</td></tr><tr><td>File:</td><td>D:\Job\...\main.SchDoc</td><td>Drawn By:</td></tr></table>		Title			Size A	Number	Revision	Date:	04.08.2009	Sheet of	File:	D:\Job\...\main.SchDoc	Drawn By:		
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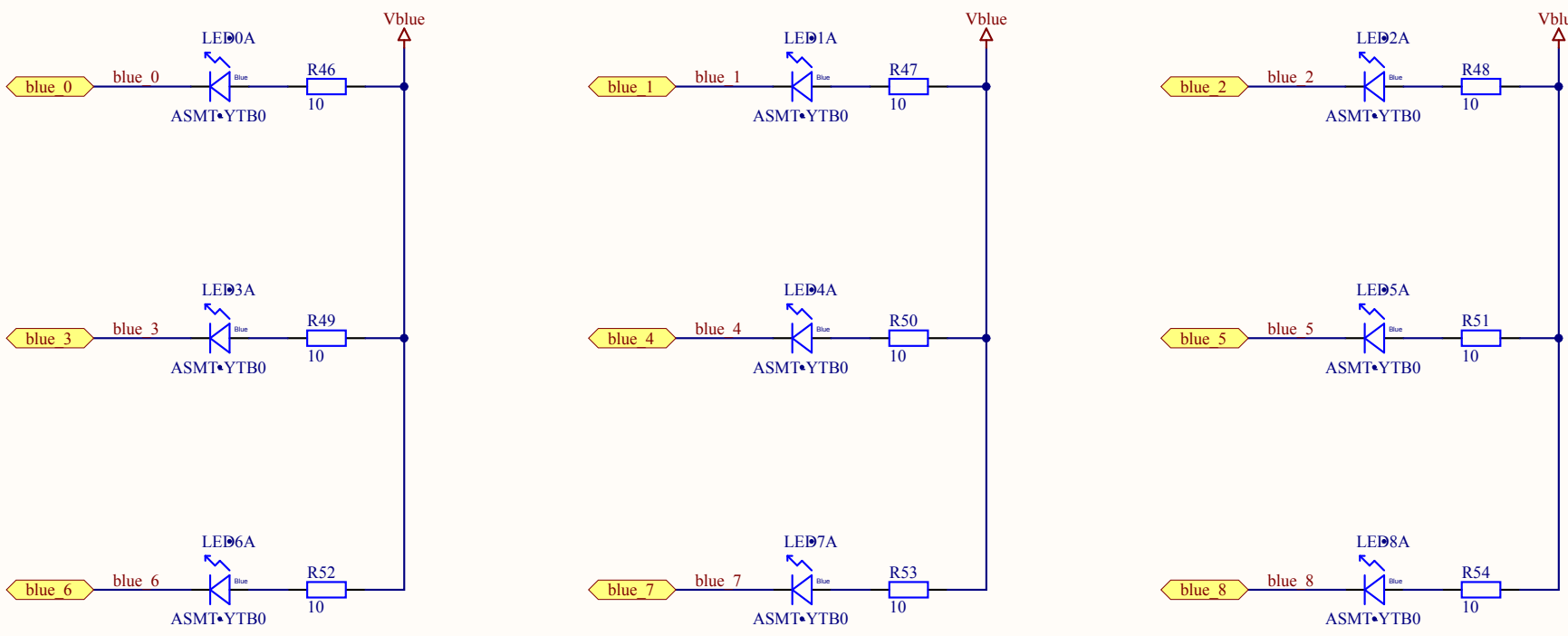
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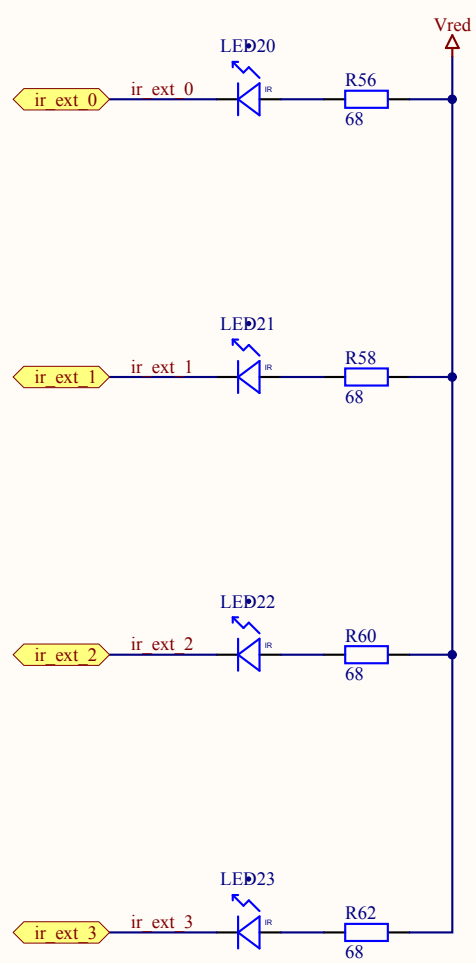
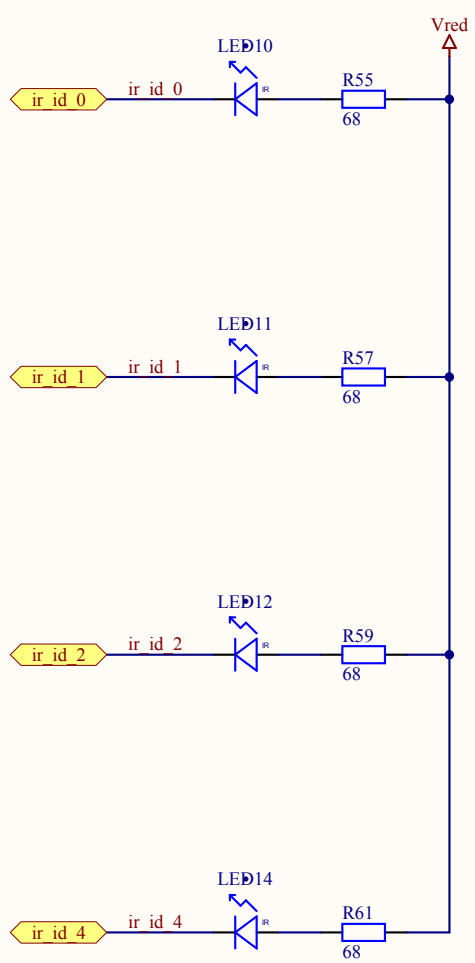
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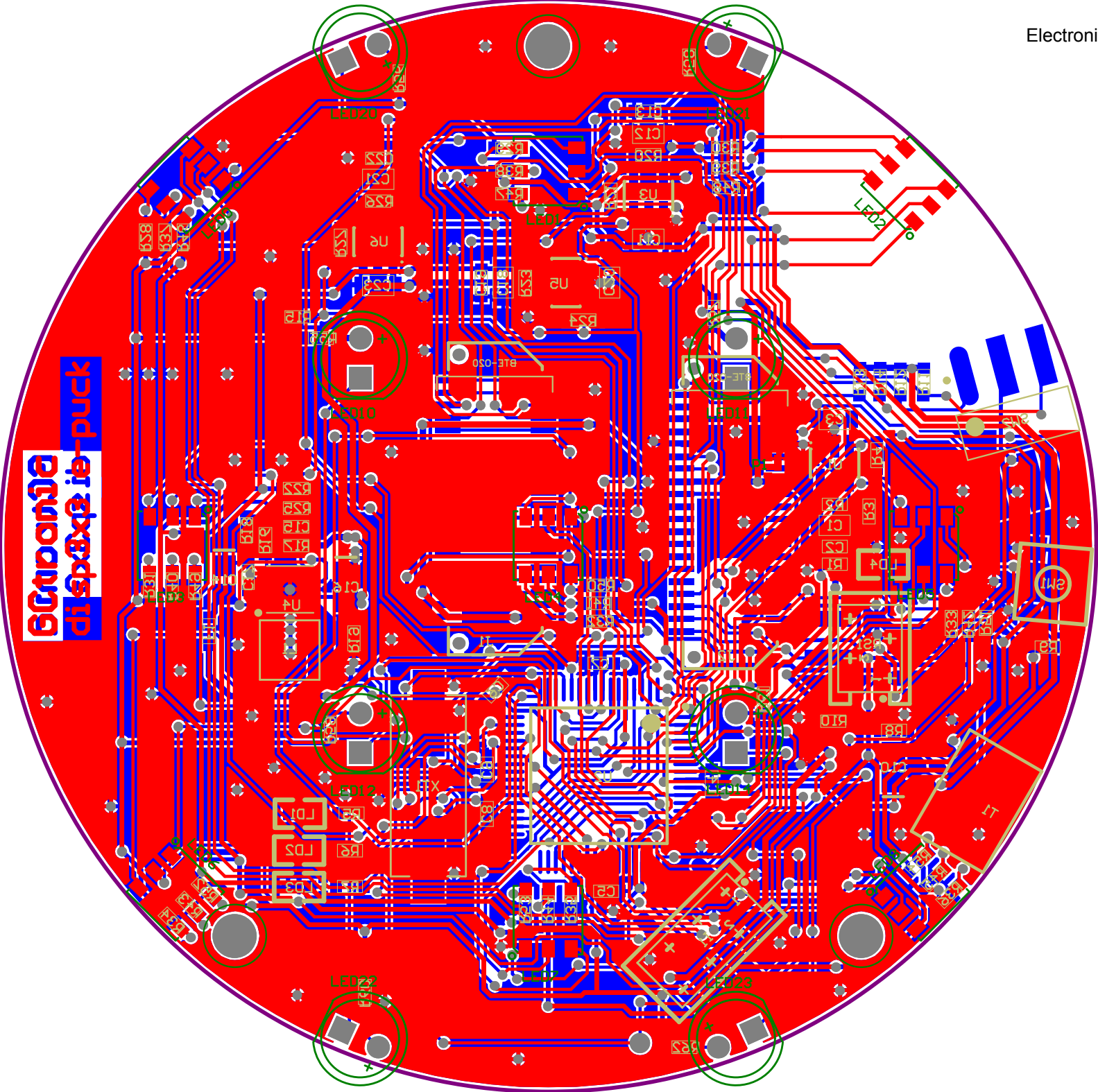
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Title		
Size	Number	Revision
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Date:	04.08.2009	Sheet of
File:	D:\Job\..IR_Led.SchDoc	Drawn By:



front

Comment	Description	Designator	Footprint	LibRef	Quantity
lowESR 2u2	Capacitor	C1, C12, C18, C21	rob_0805b	Cap	4
100n	Capacitor	C2, C4, C5, C6, C7, C13, C19, C22	ROB_0603	Cap	8
1u	Capacitor	C3, C11, C20, C23	rob_0805b	Cap	4
22p	Capacitor	C8, C9	ROB_0603	Cap	2
lowESR 4u7	Capacitor	C10, C14, C16	0805	Cap	3
33pF	Capacitor	C15	ROB_0603	Cap	1
47nF	Capacitor	C17	ROB_0603	Cap	1
120	Bead Ferrite	F1	ROB_0603	RES_0603	1
MM6	Connecteur MicroMatch	I1	mm6smd	MM6	1
BTE-020	Header, 20-Pin, Dual	J1, J2	BTE-020	MHDR2X20	2
4.7 uH	Inductor	L1	L_TYPS	Inductor	1
LED RED	LED SMD	LD1, LD4	0603	LED SMD	2
LED GREEN	LED SMD	LD2	0603	LED SMD	1
LED YELLOW	LED SMD	LD3	0603	LED SMD	1
ASMT-YTB0	ASMT-YTB0	LED0, LED1, LED2, LED3, LED4, LED5, LED6, LED7, LED8	PLCC_6	ASMT-YTB0	9
LDIR_5MM	LDIR_5MM	LED10, LED11, LED12, LED14, LED20, LED21, LED22, LED23	LED_5MM	LDIR_5MM	8
150	Resistor	R1, R5, R6, R7	ROB_0603	Res2	4
169k	Resistor	R2, R23, R26	ROB_0603	Res2	3
21.5k	Resistor	R3, R24, R27	ROB_0603	Res2	3
10k	Resistor	R4, R9, R15, R21	ROB_0603	Res2	4
100	Resistor	R8, R16	ROB_0603	Res2	2
0	Resistor	R10, R22, R25	ROB_0603	Res2	3
100K	Resistor	R11, R12, R13, R14	ROB_0603	Res2	4
120k	Resistor	R17	ROB_0603	Res2	1
51k	Resistor	R18, R20	ROB_0603	Res2	2
1k	Resistor	R19	ROB_0603	Res2	1
10	Resistor	R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54	ROB_0603	Res2	27
68	Resistor	R55, R56, R57, R58, R59, R60, R61, R62	ROB_0603	Res2	8
MM4	Connecteur MicroMatch	RS1	mm4smd	MM4	1
reset	Bouton Poussoir	SW1	SW7914J	SW-PB	1
MB2061	hex selector	SW2	p36s	MB2061	1
TSOP36230	IT TV receiver	T1	TSOP36230	Header 4	1
MCP1824-ADJE/OT	Adj. LDO	U1, U3, U5, U6	Sot23-5	LP2981	4
PIC18LF6722-E/PT	1-Mbit, Enhanced Flash Microcontrolle with 10-Bit A/D and nanoWatt Technology, 128K Flash, 64-Pin TQFP, Extended Temperature Range	U2	TQFP-PT64_L	PIC18F6722-E/PT	1
TPS61080	boost DC-DC	U4	dfn-10	tps61080	1
10MHz	XTAL_HC49U_SMD	XT1	XTAL_HC49_SMD	XTAL_HC49U_SMD	1

