



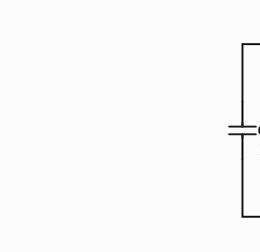
## BOM\_PartType For Project [LEDBO\_LRTBR98G.PjPcb] (No PCB Document Selected)

2015-12-18

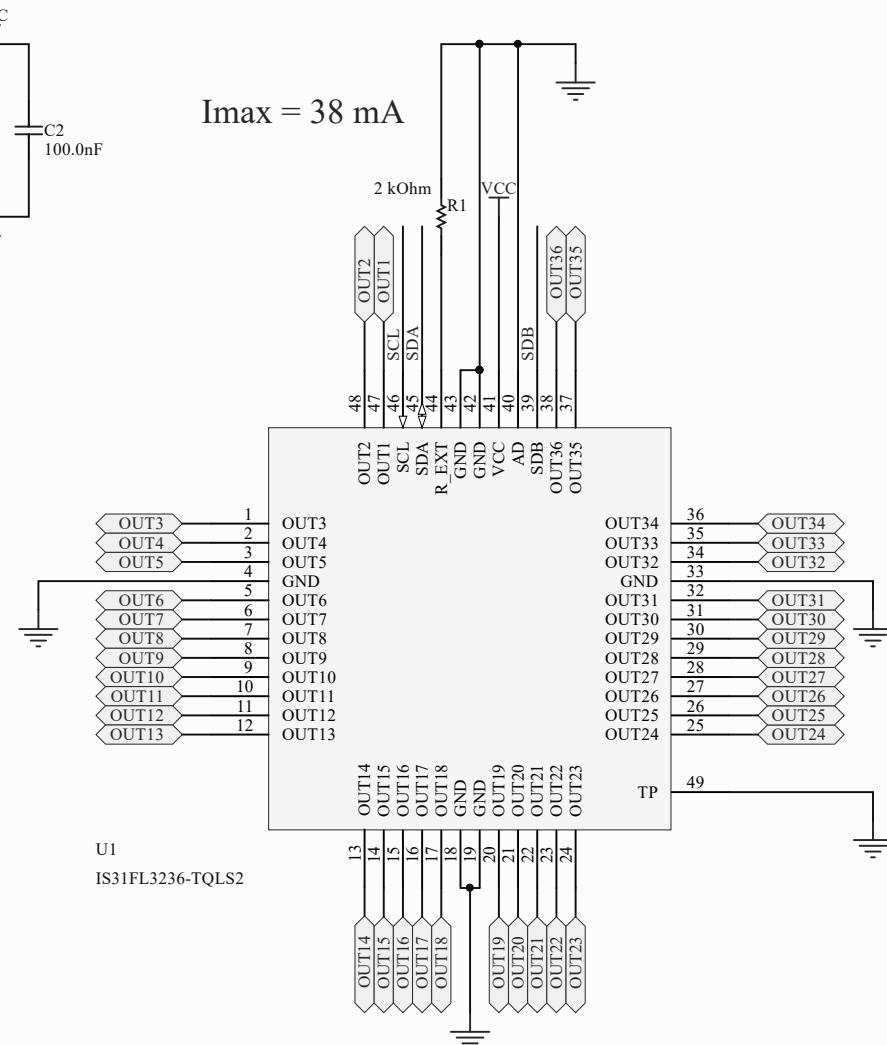
LEDBO\_LRTBR98G.PjPcb 17:46:31

Item #	Quantity	Designator	Manufacturer	Manufacturer Part Number	PartNumber
1	2	C1, C3			
2	2	C2, C4			
3	53	LED1, LED2, LED3, LED4, LED5, LED6, LED7, LED8, LED9, LED10, LED11, LED12, LED13, LED14, LED15, LED16, LED17, LED18, LED19, LED20, LED21, LED22, LED23, LED24, LED25, LED26, LED27, LED28, LED29, LED30, LED31, LED32, LED33, LED34, LED35, LED36, LED37, LED38, LED39, LED40, LED41, LED42, LED43, LED44, LED45, LED46, LED47, LED48, LED49, LED50, LED51, LED52, LED53	OSRAM		
4	2	Q1, Q2	NXP Semiconductors	PBSS4160DS,115	PBSS4160DS
5	2	R1, R2			
6	2	R3, R5			
7	3	R4, R6, R7			
8	3	R8, R9, R10			
9	1	R11			
10	2	U1, U2	ISSI	IS31FL3236-TQLS2	

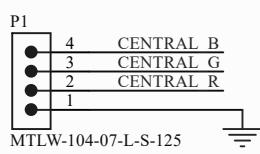
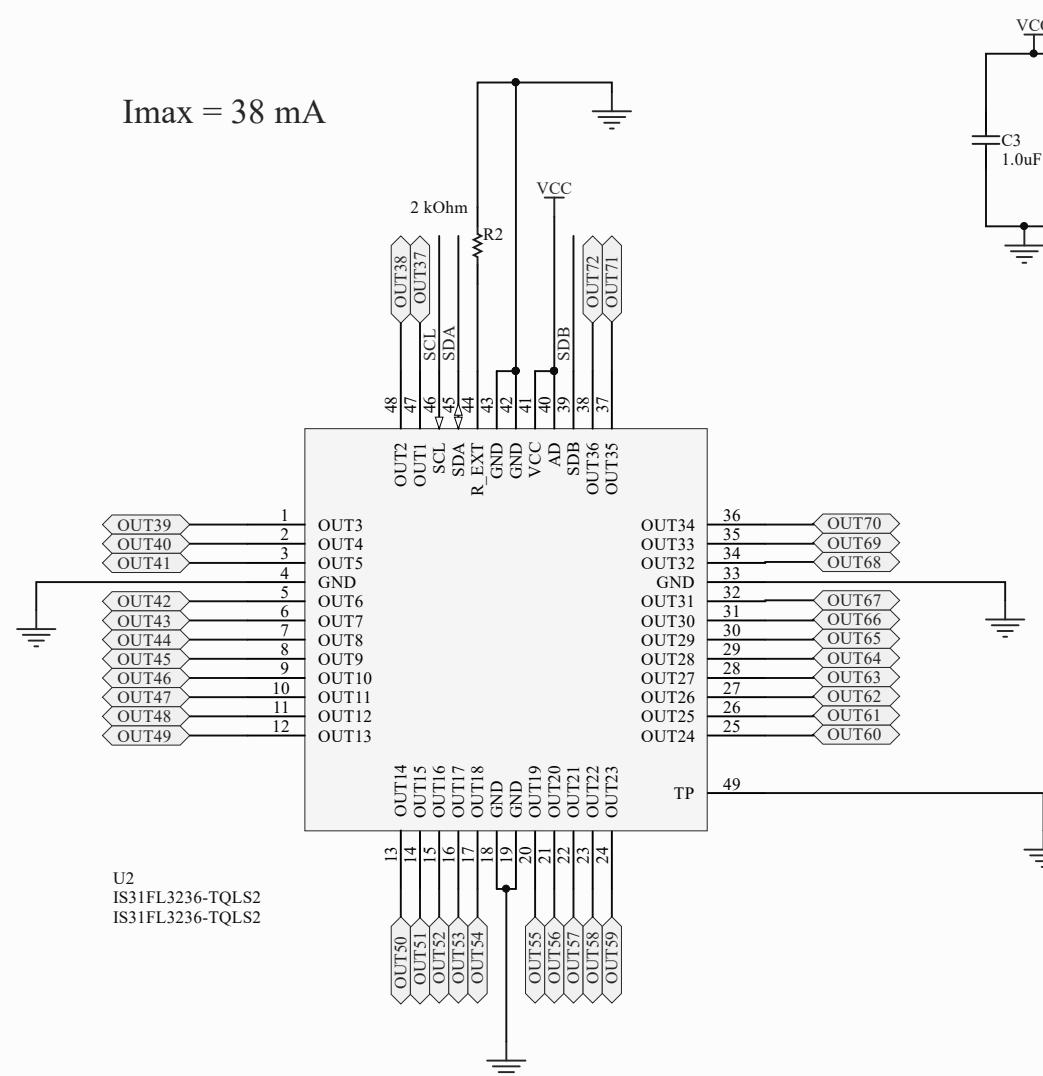
Description	Comment	Case-EIA	Value
Chip Cap 0603 X7R 10%	1.0uF		1.0uF
Chip Cap 0603 X7R 10%	100.0nF		100.0nF
IC RGB LED OSRAM	LRTB_R98G		
TRANS 2NPN 60V 1A 6TSOP	PBSS4160DS,115		
2k 0.1W 5% 0603 (1608 Metric) SMD	2 kOhm	0603	2 kOhm
4K7 0.1W 5% 0603 (1608 Metric) SMD	4.7 kOhm	0603	4.7 kOhm
8R2 0.1W 5% 0603 (1608 Metric) SMD	8.2 Ohm	0603	8.2 Ohm
8K2 0.1W 5% 0603 (1608 Metric) SMD	8.2 kOhm	0603	8.2 kOhm
100k 0.1W 5% 0603 (1608 Metric) SMD	100 kOhm	0603	100 kOhm
IC 36 CHANNELS LED DRIVER	IS31FL3236-TQLS2		



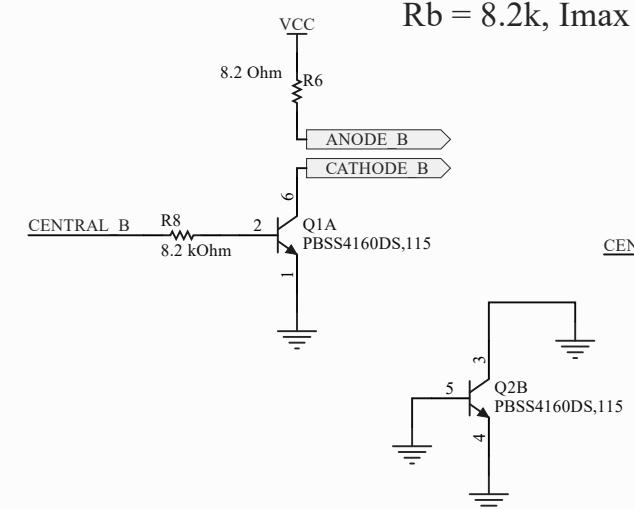
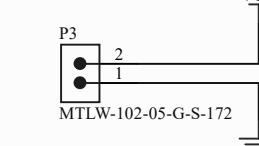
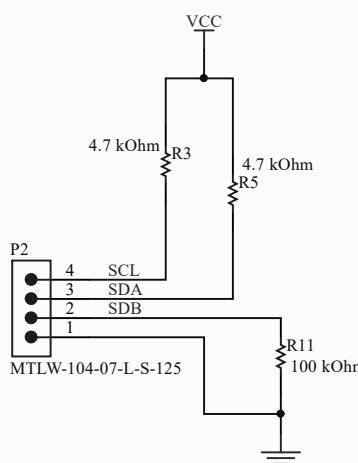
$I_{max} = 38 \text{ mA}$



$I_{max} = 38 \text{ mA}$



CENTRAL B  
CENTRAL G  
CENTRAL R



Title **LEDBO - LRTBR98G (Drivers)**

Size: B Author: Sébastien Gélinas Revision: 1

Date: 2015-12-18 Time: 17:46:43 Sheet 1 of 4

File: DRIVERS CONNECTORS.SchDoc

SmartHalo  
5445 de Gaspé  
Montréal, QC  
Canada  
H2T 3B2

smarthalo

A

A

B

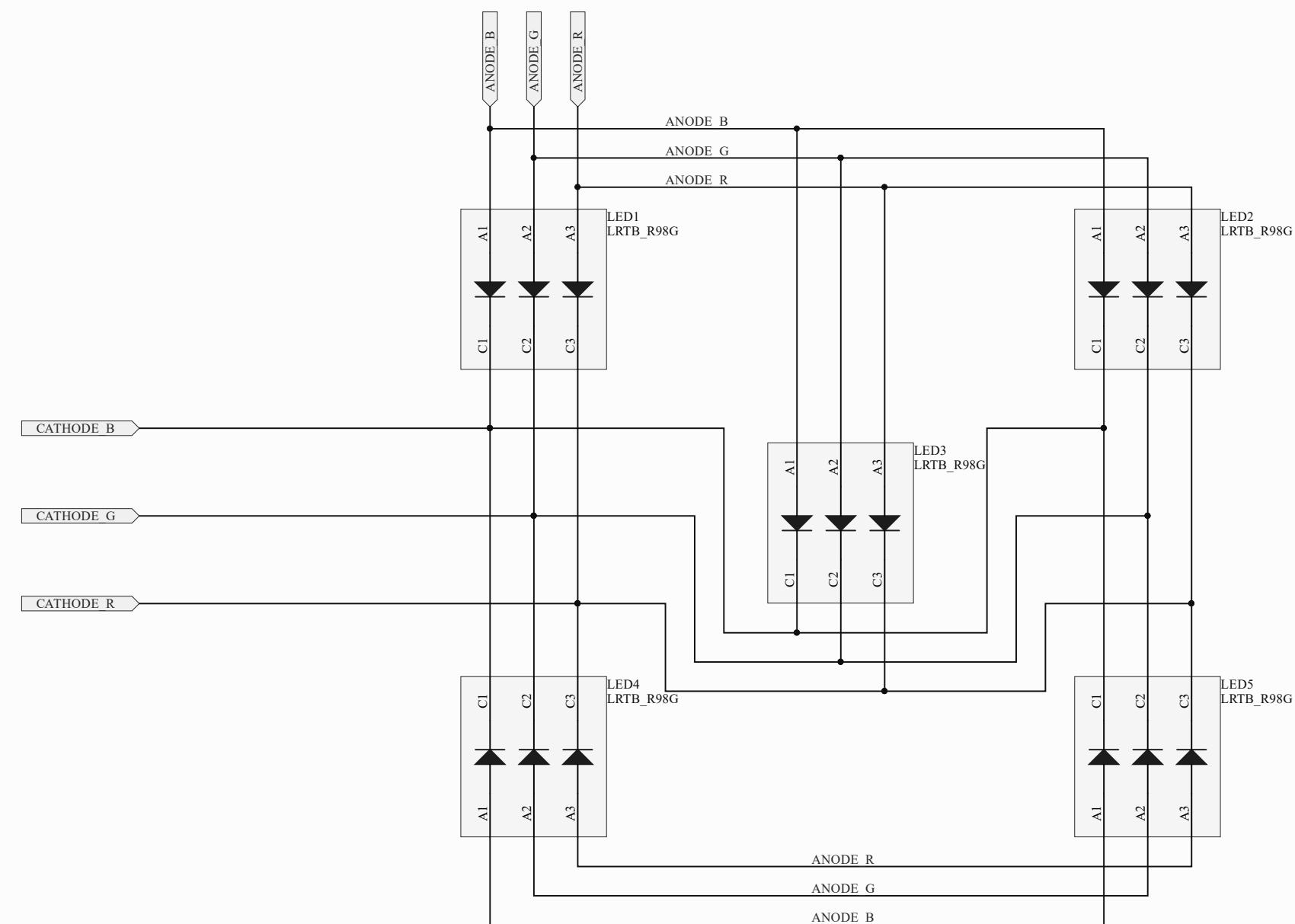
B

C

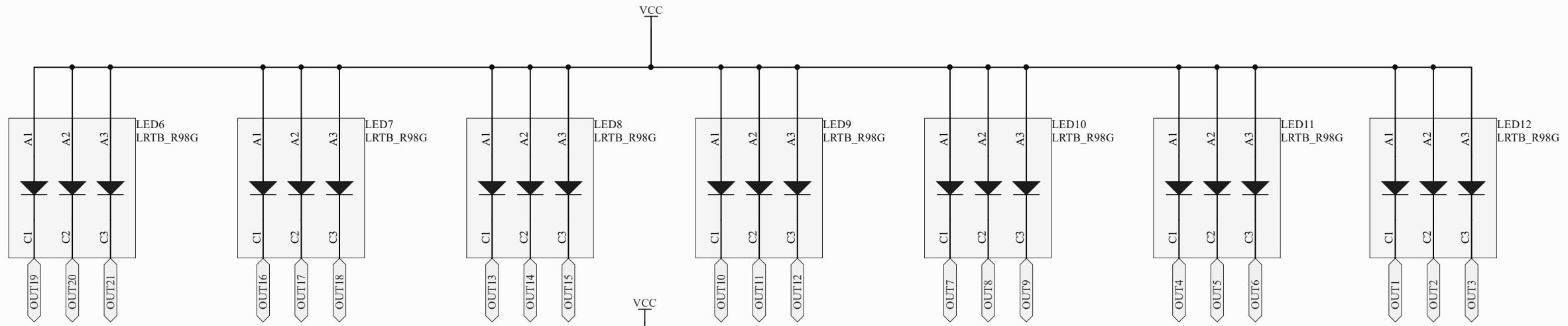
C

D

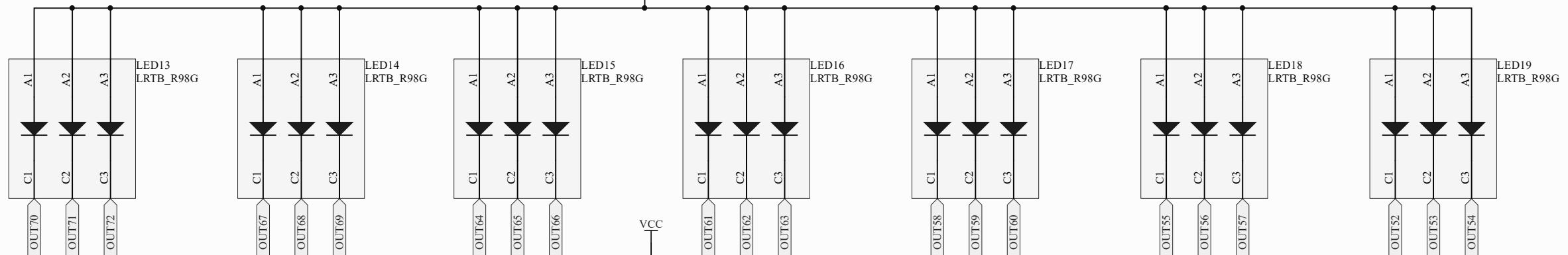
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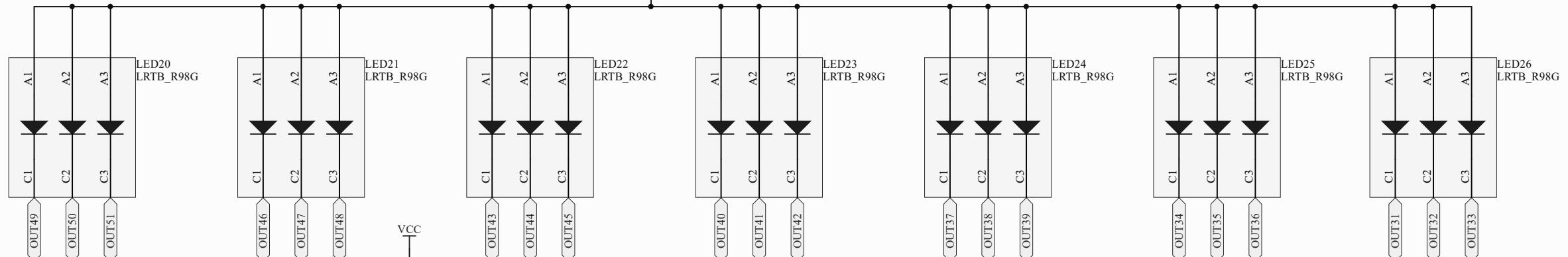
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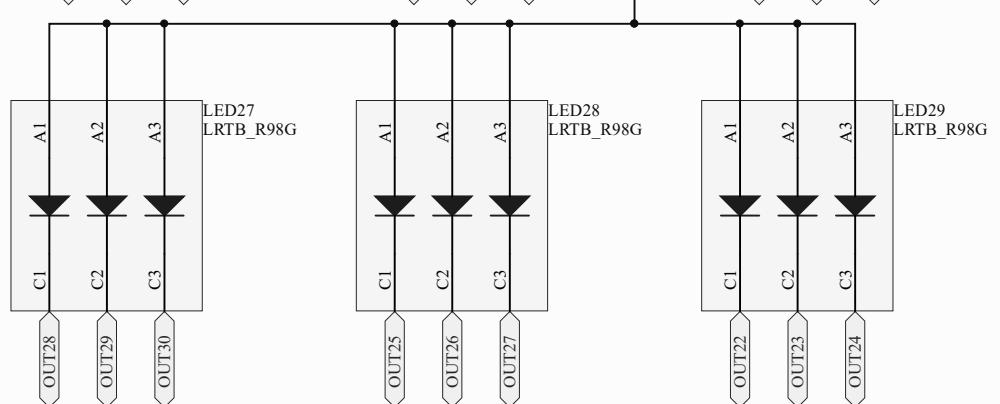
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C



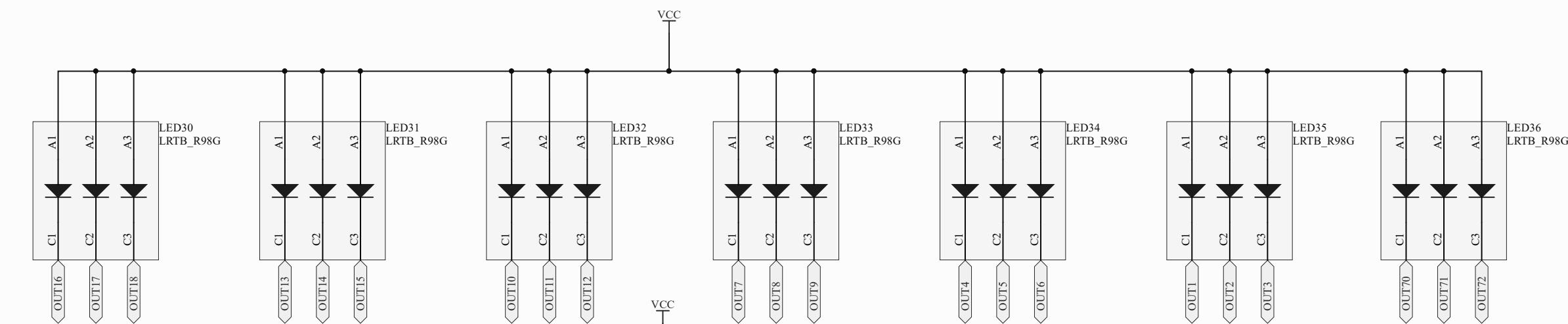
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Title **LEDBO - LRTBR98G (LEDS I)**

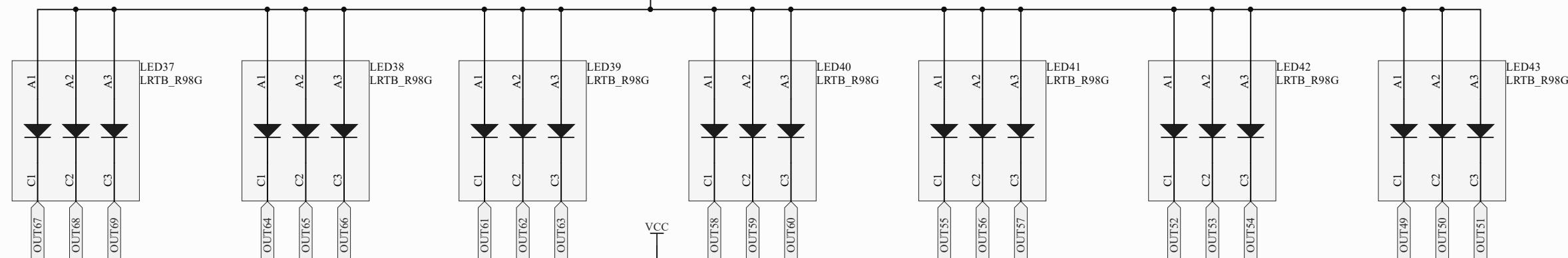
Size: B	Author: Sébastien Gélinas	Revision: 1
Date: 2015-12-18	Time: 17:46:43	Sheet 3 of 4
File: LEDS1.SchDoc		SmartHalo 5445 de Gaspé Montréal, QC Canada H2T 3B2

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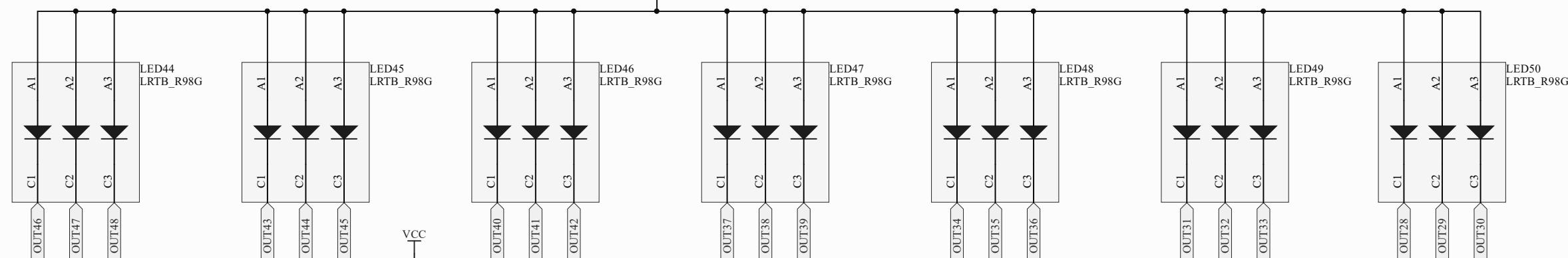
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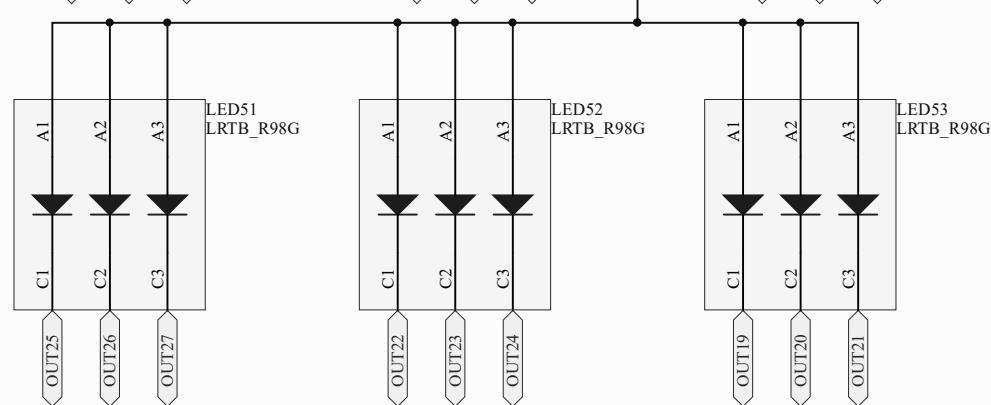
B



C



D


**Title *LEDBO - LRTBR98G (LEDS 2)***

Size: B	Author: Sébastien Gélinas	Revision: 1
Date: 2015-12-18	Time: 17:46:44	Sheet 4 of 4
File: LEDS2.SchDoc		SmartHalo 5445 de Gaspé Montréal, QC Canada H2T 3B2

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