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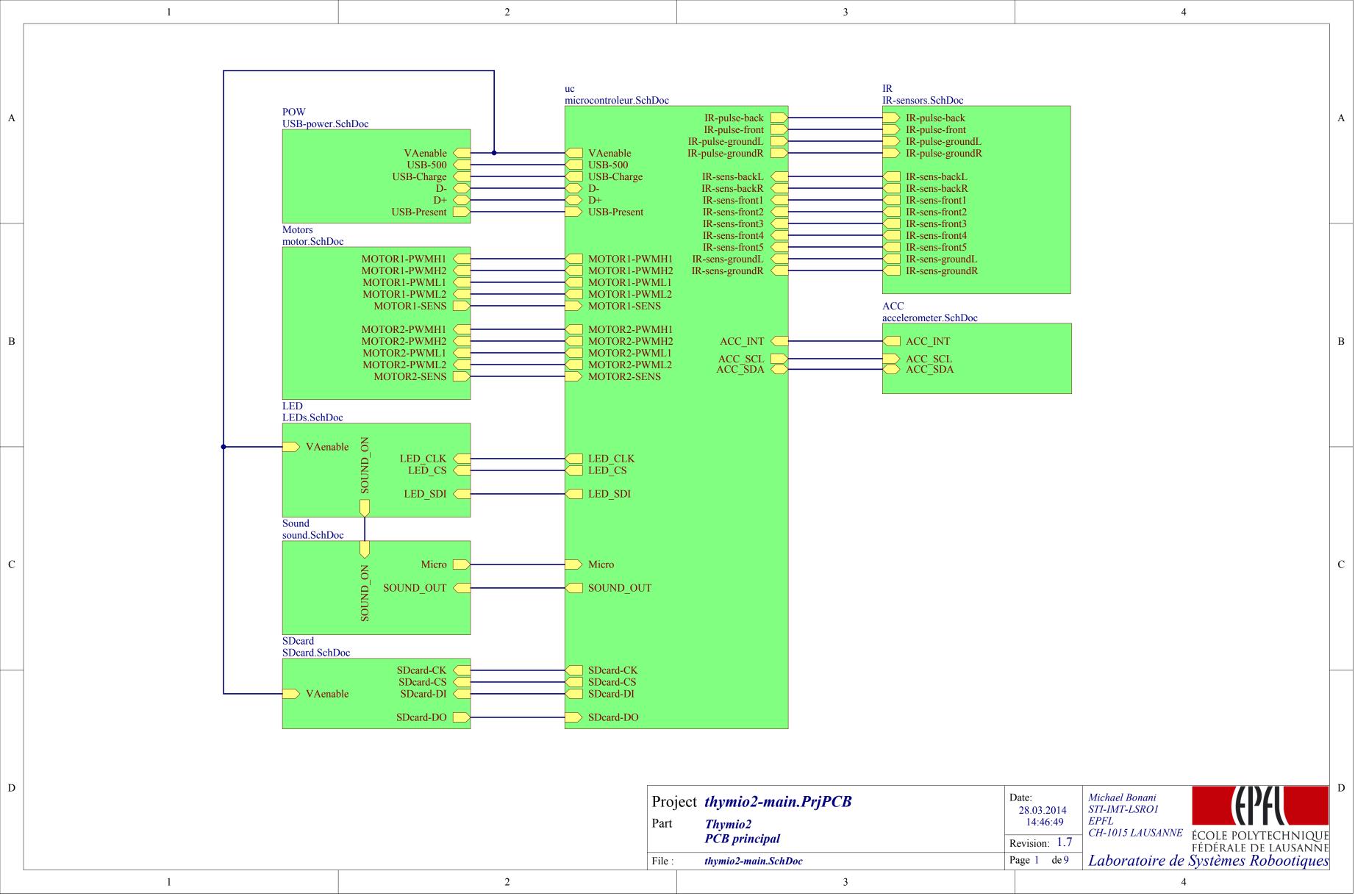
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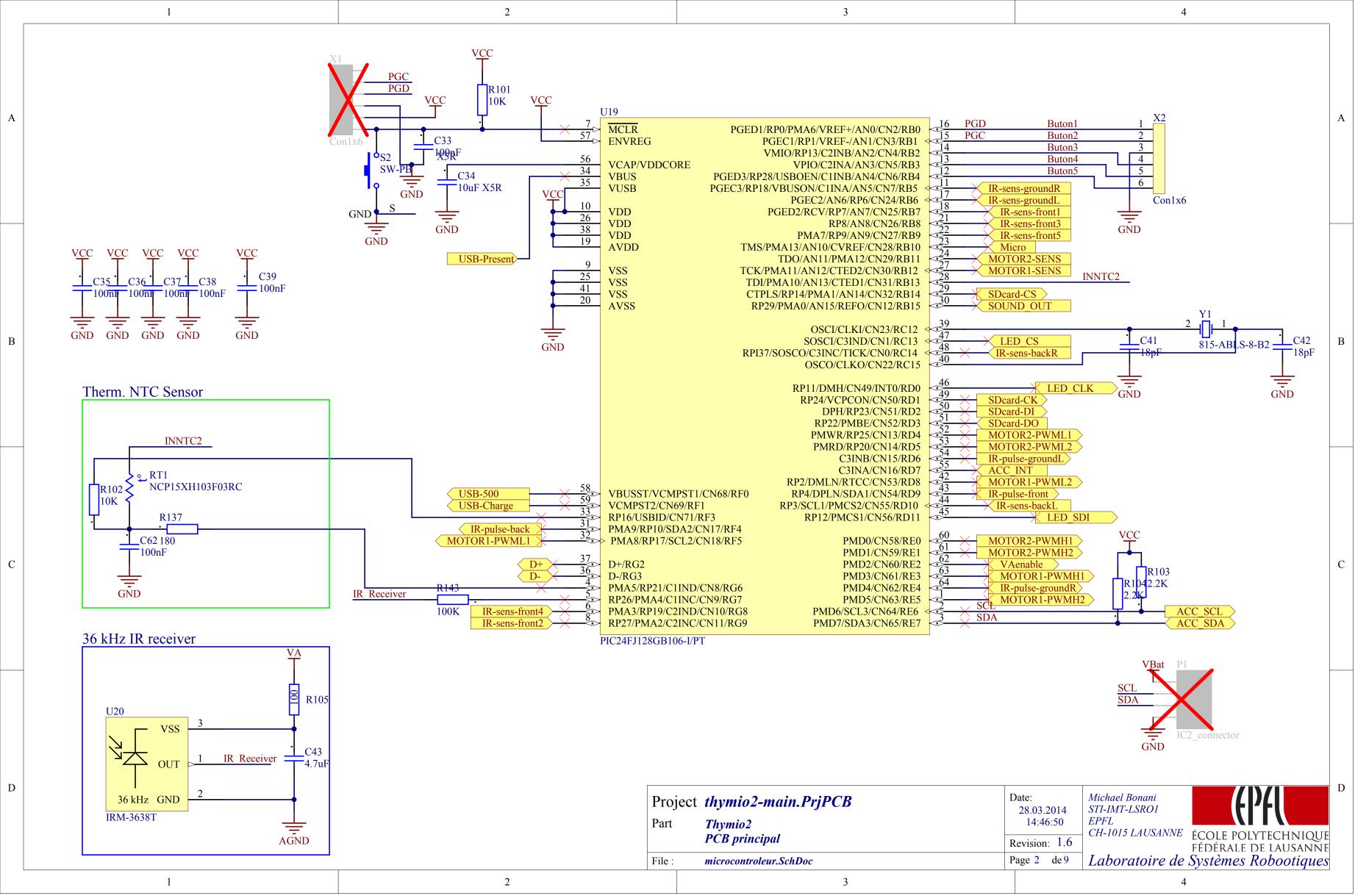
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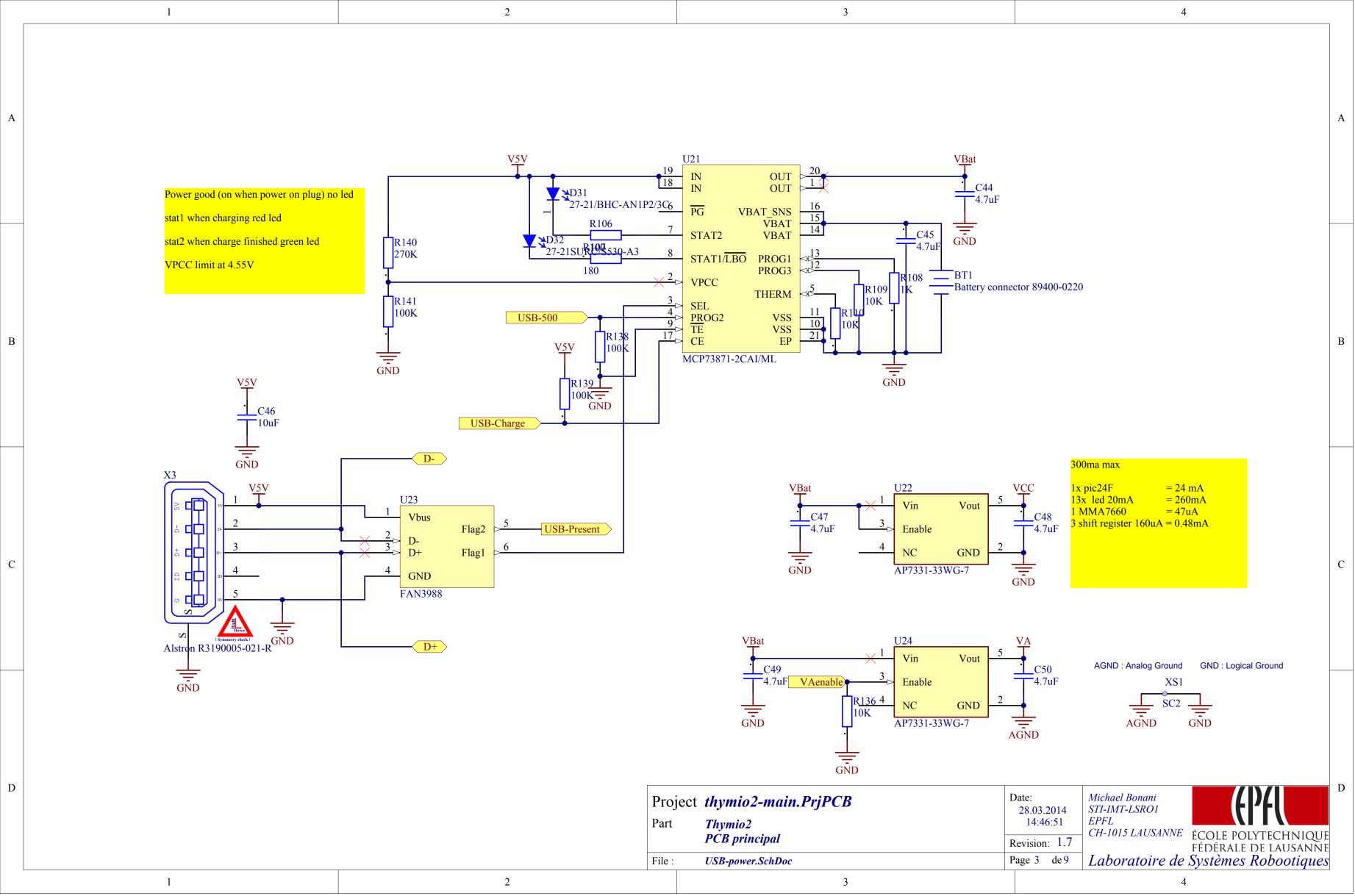
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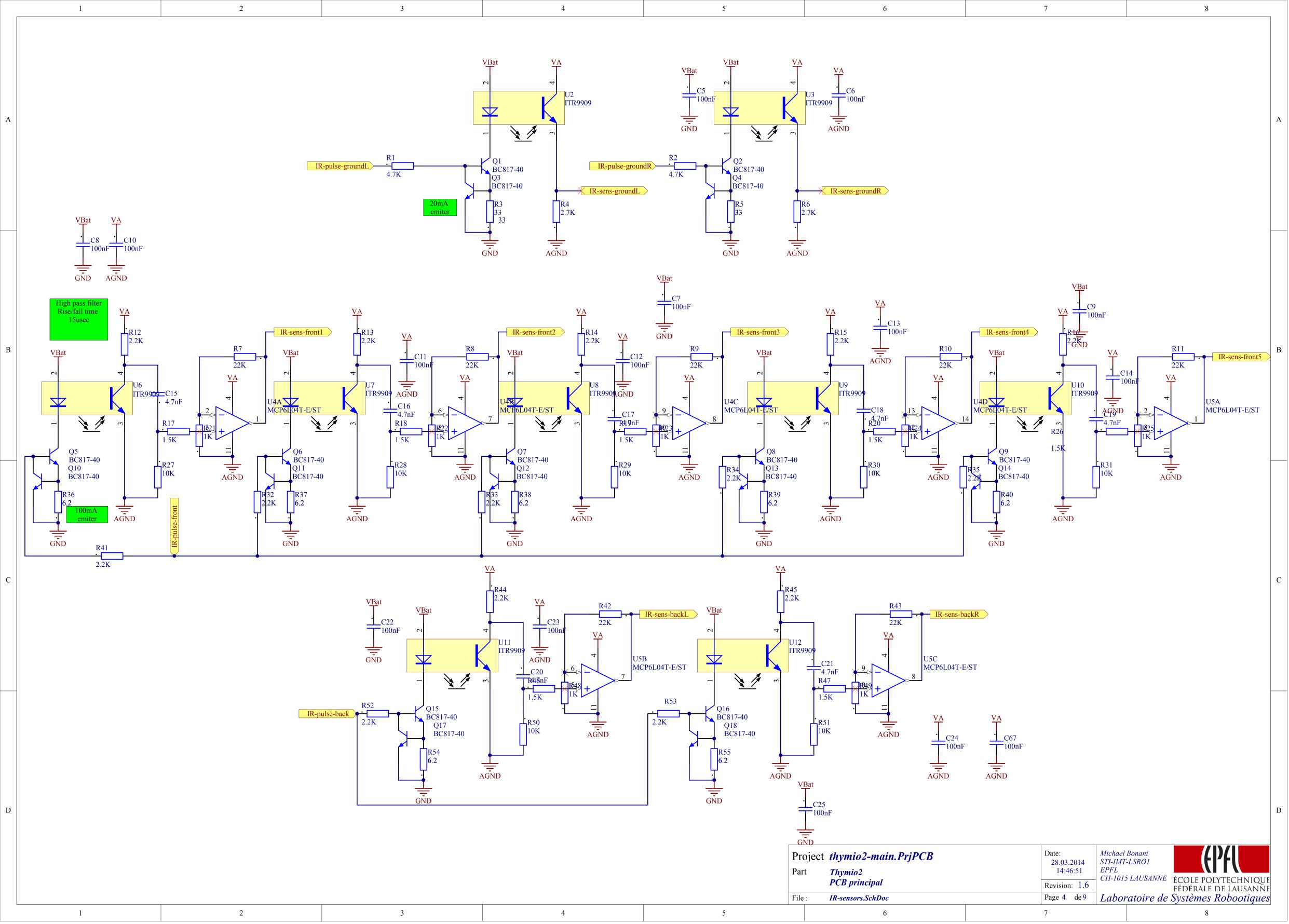
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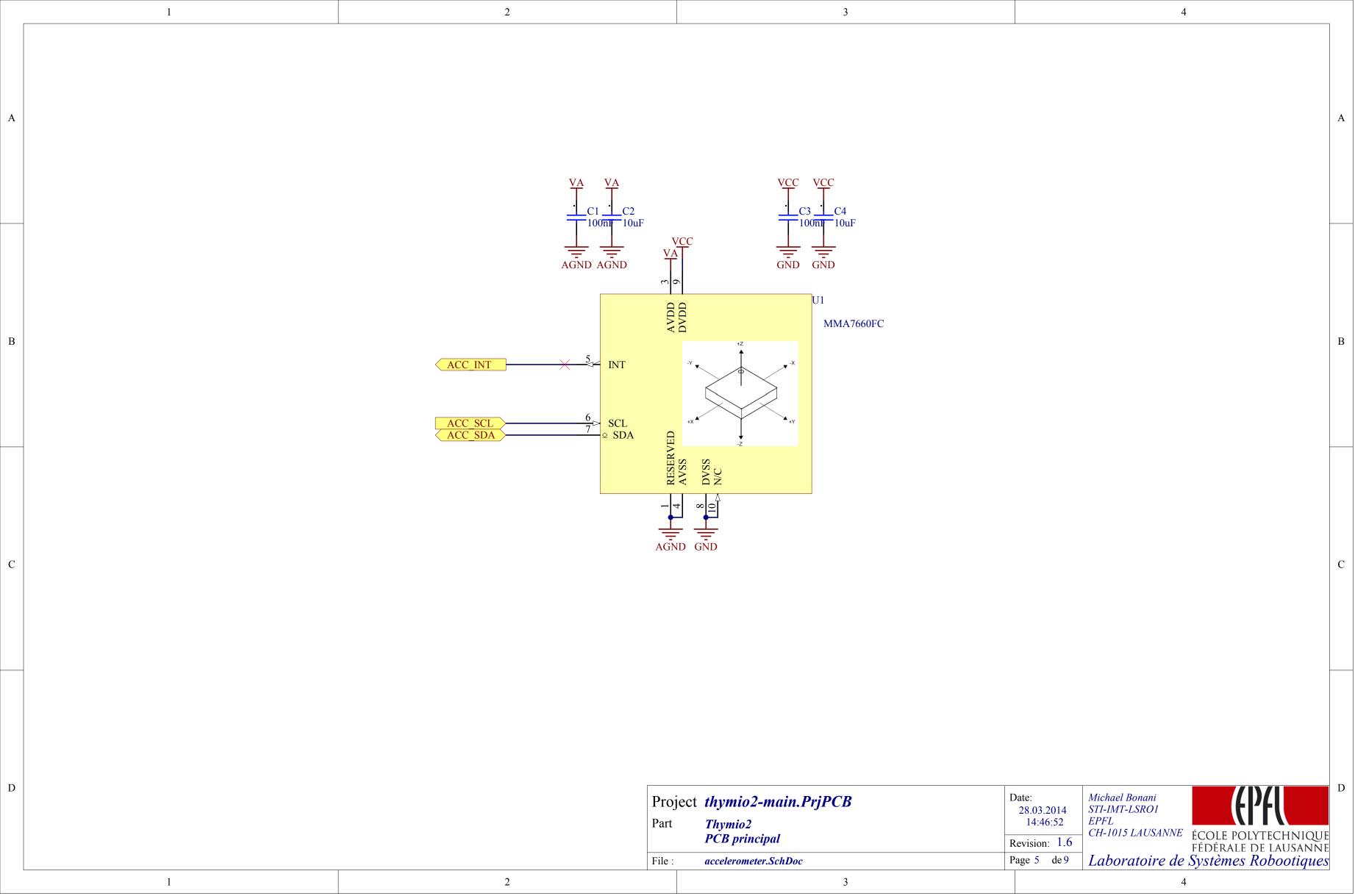
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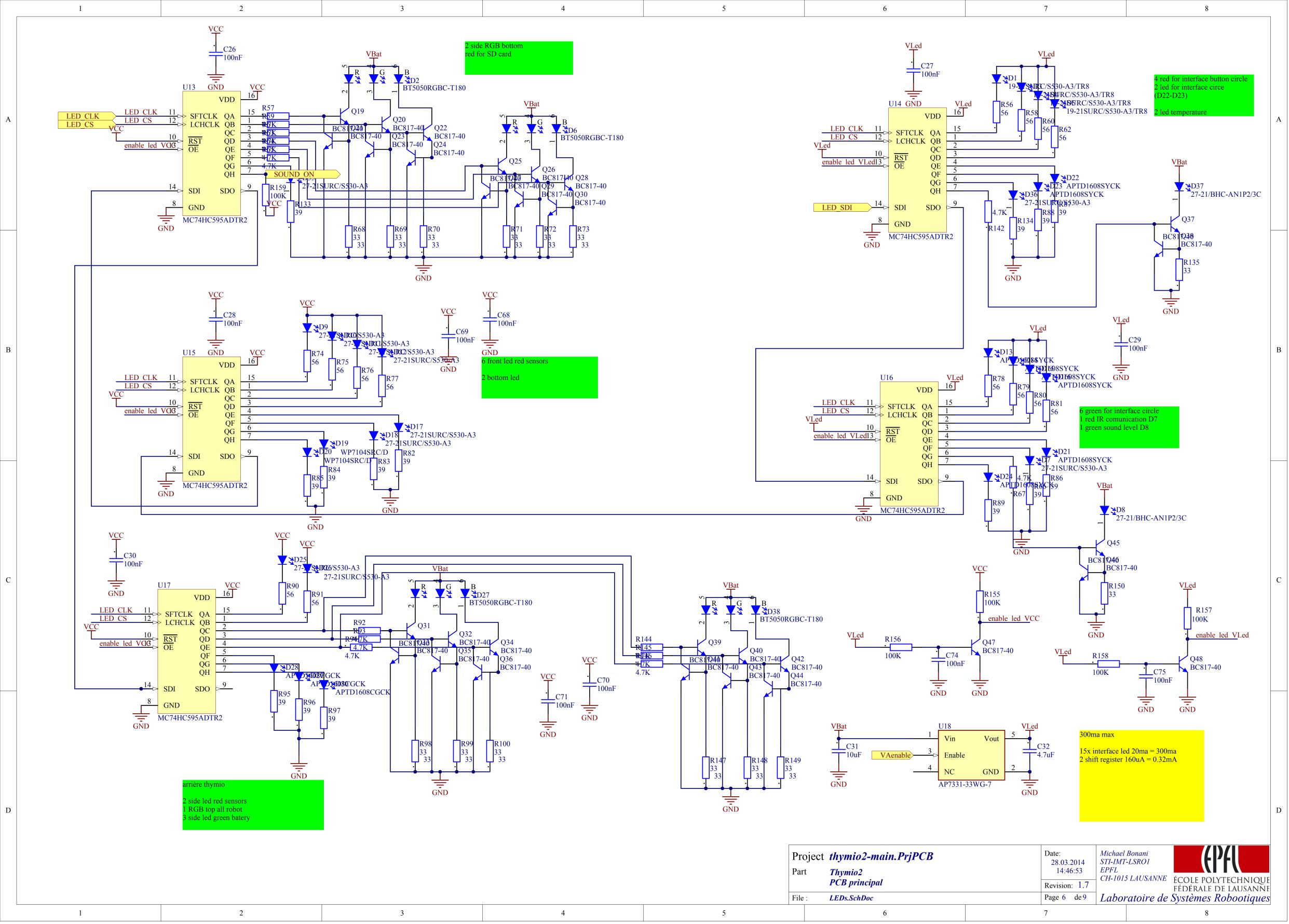


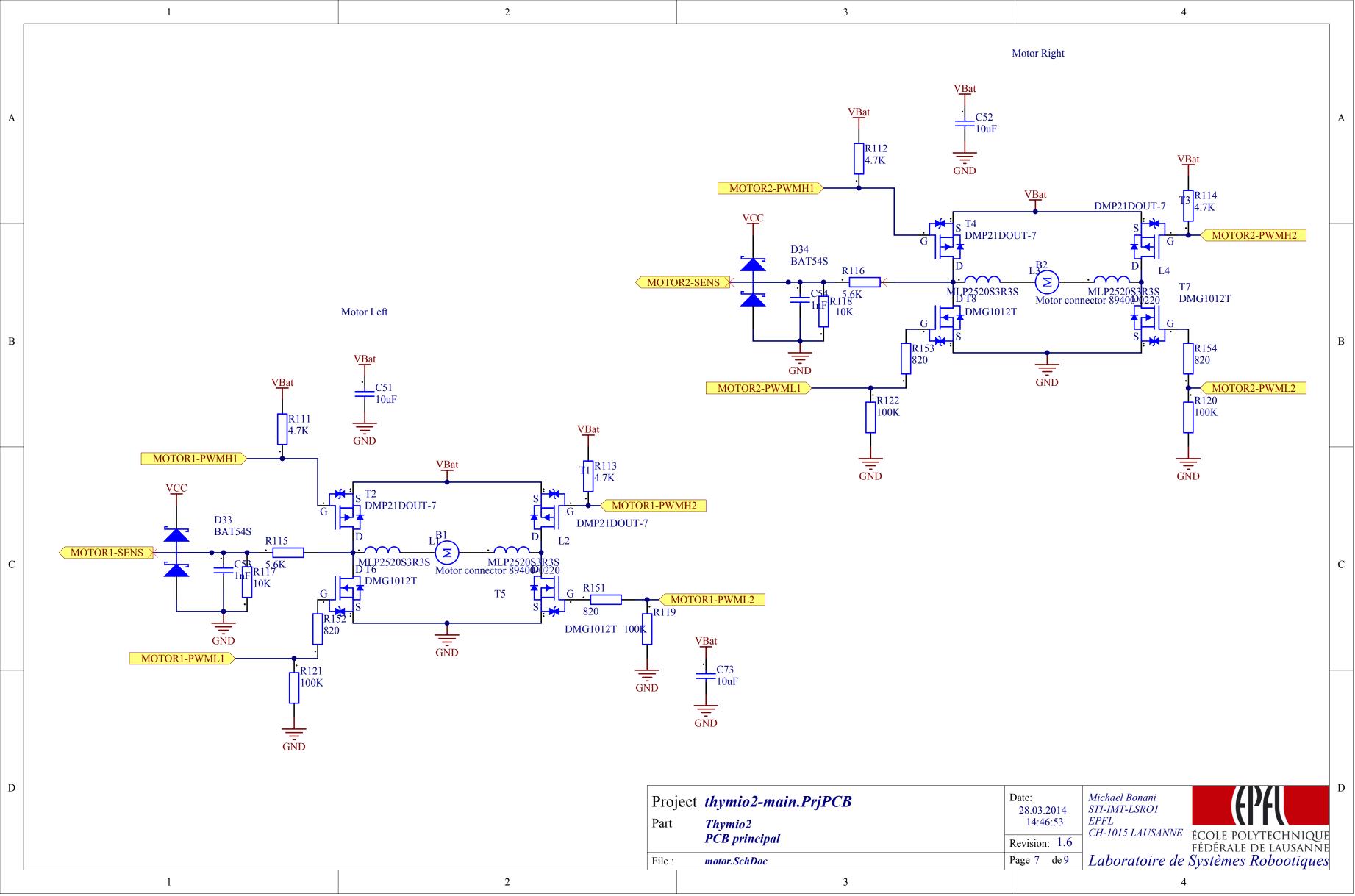


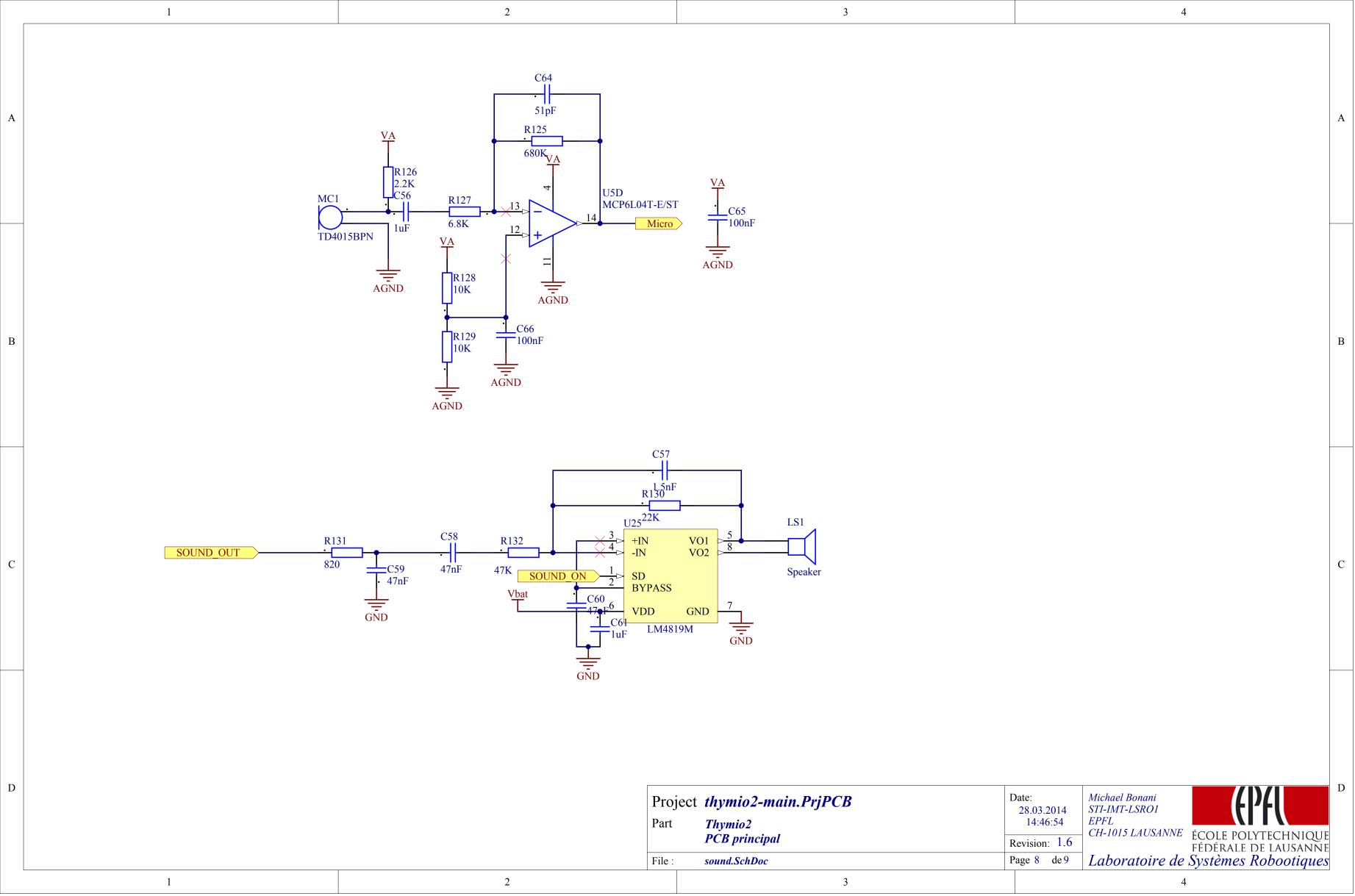


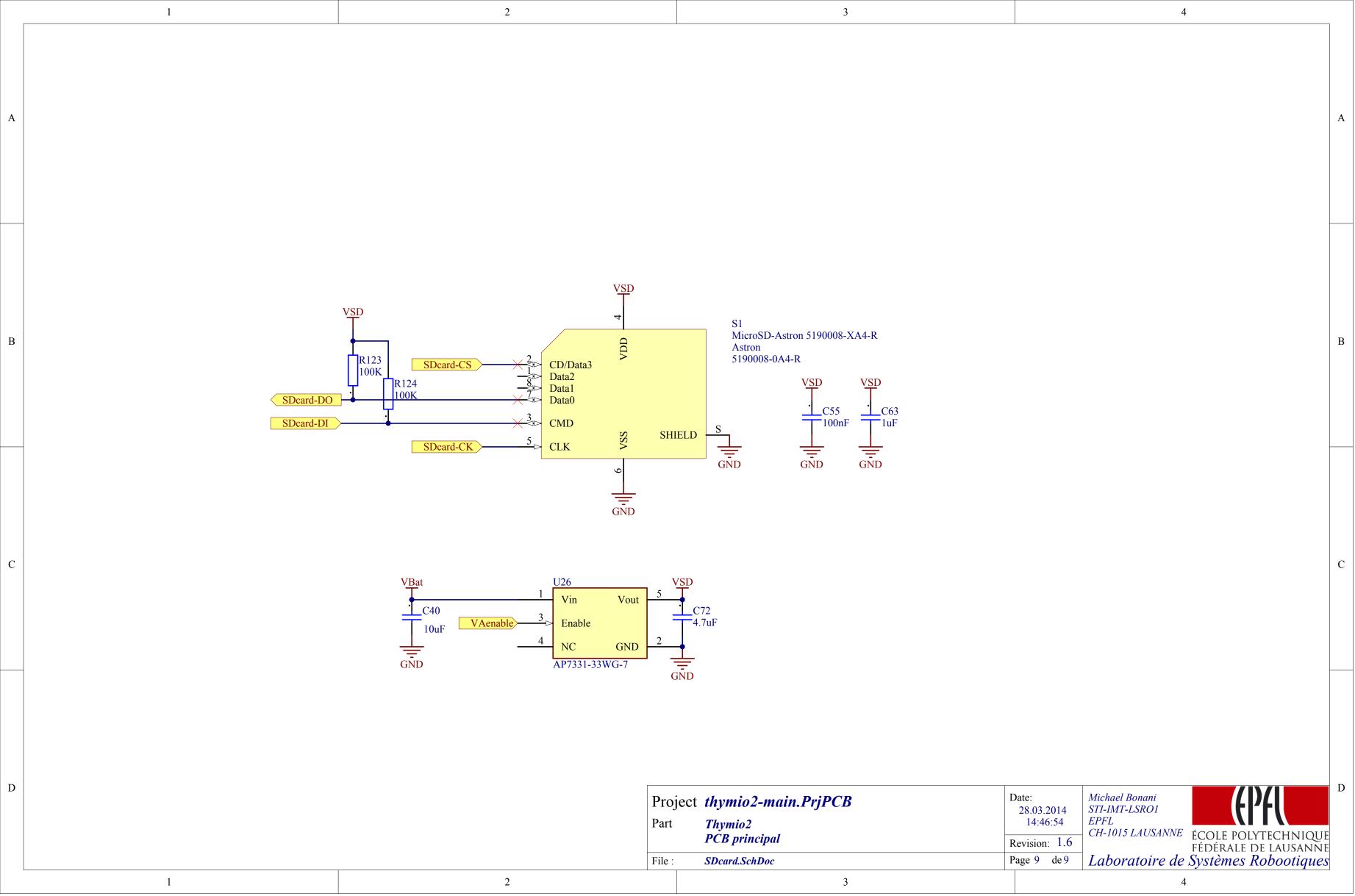




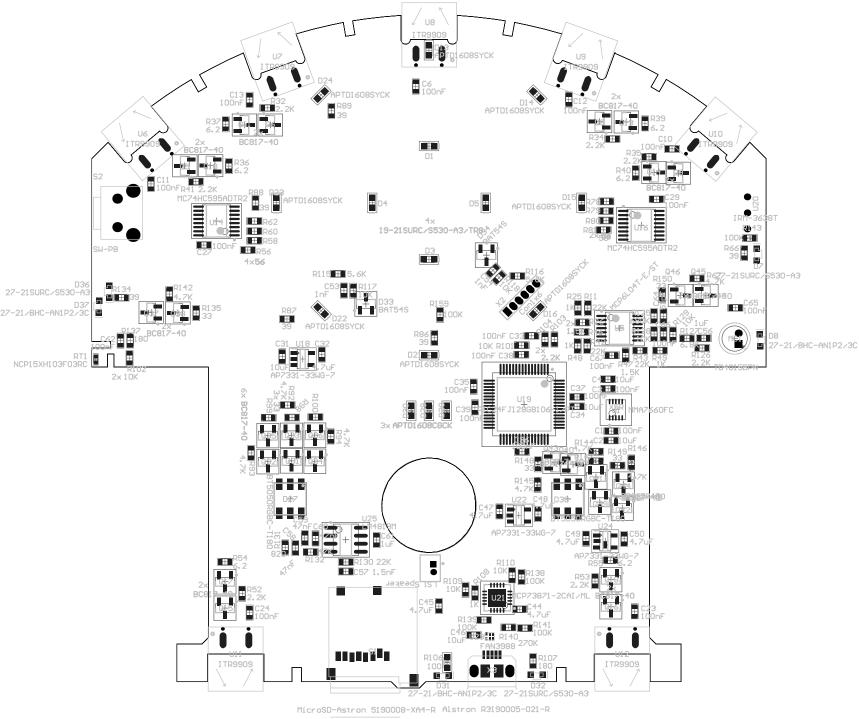


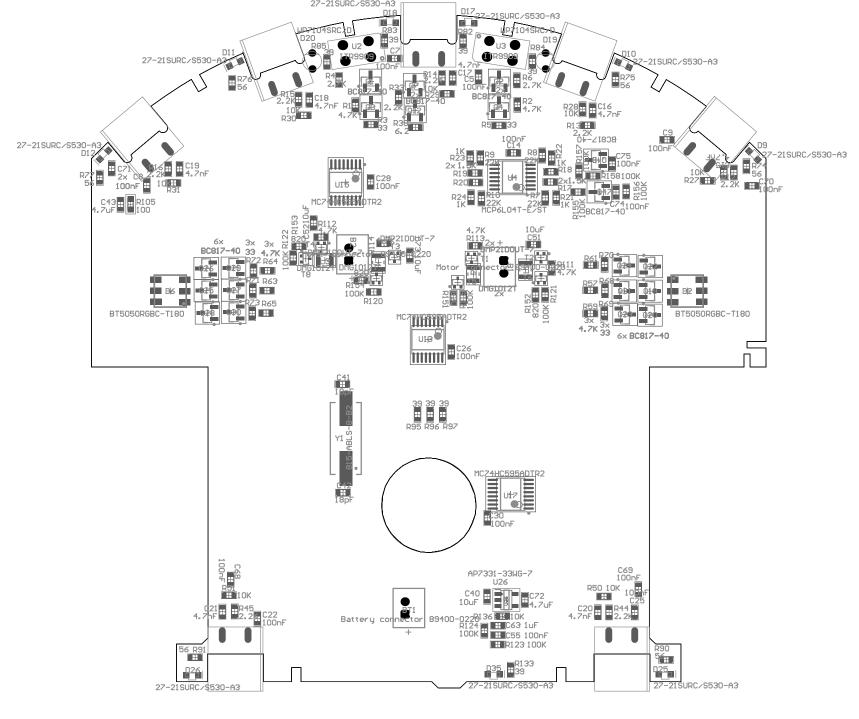


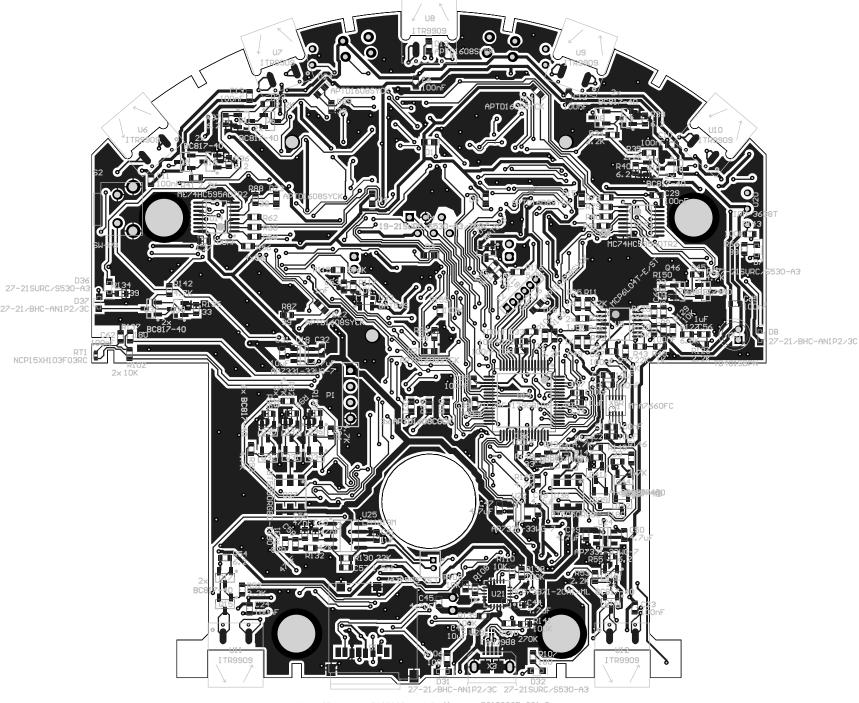




	Comment Motor connector 89400-0220	Designator B1, B2	Description  Motor, General Kind	Footprint BAT-2
1	Battery connector 89400-0220	B1, B2 BT1	Motor, General Kind Multicell Battery	BAT-2
	Battery Connector 89400-0220	C1, C3, C5, C6, C7, C8, C9, C10, C11, C12,	Multicell battery	DAT-2
		C13, C14, C22, C23, C24, C25, C26, C27, C28,		
		C29, C30, C33, C35, C36, C37, C38, C39, C55,		
20	100nF	C62, C65, C66, C67, C68, C69, C70, C71, C74, C75	Capacitor	CAPC1608X08L
	10uF			CAPC1608X08L
	4.7nF	C2, C4, C31, C40, C46, C51, C52, C73	Capacitor	
		C15, C16, C17, C18, C19, C20, C21	Capacitor	CAPC1608X08L
	4.7uF	C32, C43, C44, C45, C47, C48, C49, C50, C72	Capacitor	CAPC1608X08L
	10uF X5R	C34	Capacitor	CAPC1608X08L
	18pF	C41, C42		CAPC1608X08L
	1nF	C53, C54	Capacitor	CAPC1608X08L
3	1uF	C56, C61, C63	Capacitor	CAPC1608X08L
1	1.5nF	C57	Capacitor	CAPC1608X08L
3	47nF	C58, C59, C60	Capacitor	CAPC1608X08L
1	51pF	C64	Capacitor	CAPC1608X08L
4	19-21SURC/S530-A3/TR8	D1, D3, D4, D5	SMD Red 0603 2V@20ma 56 mcd	DIOC1608X08N
4	BT5050RGBC-T180	D2, D6, D27, D38	\$0.027/2000k	LEDSMD5
		D7, D9, D10, D11, D12, D17, D18, D25, D26,	SMD Red led right angle mount	
12	27-21SURC/S530-A3	D32, D35, D36	2V@20ma 57mcd	27-21 EVERLIGHT
2	27 21 (0116 ANIAD2 (26	D0 D31 D37	SMD Blue led right angle mount	27.21.5 11.10
3	27-21/BHC-AN1P2/3C	D8, D31, D37	3.3V@20ma 28mcd LED standard - CMS Helios SMD Yellow	27-21 Everlight Blue
8	APTD1608SYCK	D13, D14, D15, D16, D21, D22, D23, D24	590nm 480mcd	DIOC1608X08N
	WP7104SRC/D	D19, D20	Red led 2V@20ma 57mcd	LED_TH_3MM_20MM
	111 / 10 / 15/(C/D	513, 520	LED standard - CMS Helios SMD Green	EED_TTI_STATILEEUTITI
3	APTD1608CGCK	D28, D29, D30	570nm 230mcd	DIOC1608X08N
	BAT54S	D33, D34	Schottky Barrier Double Diode	SOT23_N
			Inductors for Power Circuits	
4	MLP2520S3R3S	L1, L2, L3, L4	Multilayer/STD Magnetic Shielded	INDC2520X12L
1	Speaker	LS1	Loudspeaker	PIN2
			Omnidirectional Back Electret Condenser	
1	TD4015BPN	MC1	Microphone	MICRO_TD4015BPN
		Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10, Q11, Q12, Q13, Q14, Q15, Q16, Q17, Q18,		
		Q11, Q12, Q13, Q14, Q15, Q16, Q17, Q18, Q19, Q20, Q21, Q22, Q23, Q24, Q25, Q26,		
		Q27, Q28, Q29, Q30, Q31, Q32, Q33, Q34,		
		Q35, Q36, Q37, Q38, Q39, Q40, Q41, Q42,		
48	BC817-40	Q43, Q44, Q45, Q46, Q47, Q48	NPN General-purpose Transistor	SOT23_N
		R1, R2, R57, R59, R61, R63, R64, R65, R67,		
20	4.71/	R92, R93, R94, R111, R112, R113, R114, R142,	Bi-t	PECC1608VOCI
20	4.7K	R144, R145, R146	Resistor 120, Resistor, 120, 120, 120, 120, 120,	RESC1608X06L
		R3, R5, R68, R69, R70, R71, R72, R73, R98,	120, 120, 120, 120, 120, 120, 120, 120,	
16	33	R99, R100, R135, R147, R148, R149, R150	120, Resistor	RESC1608X06L
2	2.7K	R4, R6	Resistor	RESC1608X06L
		, ,		
8	22K	R7, R8, R9, R10, R11, R42, R43, R130	120, 120, 120, 120, 120, 120, 120, Resistor	RESC1608X06L
			120, 120, 120, 120, 120, Resistor, Resistor,	
			Resistor, Resistor, Resistor, 120, 120,	
17	2.2K	R12, R13, R14, R15, R16, R32, R33, R34, R35, R41, R44, R45, R52, R53, R103, R104, R126	Resistor, Resistor, Resistor, Resistor	RESC1608X06L
	1.5K			
/	1.5K	R17, R18, R19, R20, R26, R46, R47	120	RESC1608X06L
8	1K	R21, R22, R23, R24, R25, R48, R49, R108	120, 120, 120, 120, 120, 120, 120, Resistor	RESC1608X06L
		, , , , , , , ,	120, 120, 120, 120, 120, 120, 120,	
		R27, R28, R29, R30, R31, R50, R51, R101,	Resistor, Resistor, Resistor,	
		R102, R109, R110, R117, R118, R128, R129,	Resistor, Resistor, Resistor,	
	10K	R136	Resistor	RESC1608X06L
7	6.2	R36, R37, R38, R39, R40, R54, R55	120	RESC1608X06L
14	EC	R56, R58, R60, R62, R74, R75, R76, R77, R78, R79, R80, R81, R90, R91	Resistor	RESC1608X06L
14	30	R66, R82, R83, R84, R85, R86, R87, R88, R89,	RESISTOI	RESCIOUBAUGE
14	39	R95, R96, R97, R133, R134	Resistor	RESC1608X06L
2	100	R105, R106	Resistance	RESC1608X06N
	180	R107, R137	Resistor	RESC1608X06L
	5.6K	R115, R116	Resistor	RESC1608X06L
		R119, R120, R121, R122, R123, R124, R138,		
		R139, R141, R143, R155, R156, R157, R158,		
15	100K	R159	Resistor	RESC1608X06L
	680K	R125	Resistor	RESC1608X06L
	6.8K	R127	Resistor	RESC1608X06L
	820	R131, R151, R152, R153, R154	Resistor	RESC1608X06L
	47K	R132	Resistor	RESC1608X06L
	270K	R140	Resistor	RESC1608X06L
	NCP15XH103F03RC	RT1	Thermistors - NTC 10K OHM 1% 0402	RESC1005X04L
		RT1 S1		
	MicroSD-Astron 5190008-XA4-R	*-	MicroSD Card connector 5190008-XA4-R	Astron 5190008-XA4-R
1	SW-PB	S2	Switch Transistor MOSSET 1 v B Bining : 1 = G	FSMRA2JH
А	DMP21DOUT-7	T1, T2, T3, T4	Transistor MOSFET 1 x P Pining : 1=G, 2=S, 3=D	SOT50P160X80-3N
4			Transistor MOSFET 1 x N, Pining : 1=G,	
	DMG1012T	T5, T6, T7, T8	2=S, 3=D	SOT50P160X80-3N
4			MMA7660FC: XYZ-AXIS	
		U1	ACCELEROMETER ±1.5 g	DFN50P300X300X100-12N
1	MMA7660FC		Everlight Opto Interrupter	ITR9909_LONG
1	MMA7660FC ITR9909	U2, U3		
1		U2, U3	1 MHz, 85 μA Quad Op Amp, 14-Pin	
1 2	ITR9909		1 MHz, 85 µA Quad Op Amp, 14-Pin TSSOP, Extended Temperature Range,	TSSOP-ST14 N
2	ITR9909  MCP6L04T-E/ST	U4, U5	1 MHz, 85 μA Quad Op Amp, 14-Pin TSSOP, Extended Temperature Range, Tape and Reel	TSSOP-ST14_N
2	ITR9909		1 MHz, 85 µA Quad Op Amp, 14-Pin TSSOP, Extended Temperature Range, Tape and Reel Everlight Opto Interrupter	TSSOP-ST14_N ITR9909_EDGE
2	ITR9909  MCP6L04T-E/ST	U4, U5	1 MHz, 85 µA Quad Op Amp, 14-Pin TSSOP, Extended Temperature Range, Tape and Reel Everlight Opto Interrupter 8-Bit Serial-Input/Serial or Prallel-Output	
1 2 2 7	ITR9909  MCP6L04T-E/ST	U4, U5	1 MHz, 85 µA Quad Op Amp, 14-Pin TSSOP, Extended Temperature Range, Tape and Reel Everlight Opto Interrupter	
1 2 2 7	ITR9909 MCP6L04T-E/ST ITR9909	U4, U5 U6, U7, U8, U9, U10, U11, U12	1 MHz, 85 µA Quad Op Amp, 14-Pin TSSOP, Extended Temperature Range, Tape and Reel Everlight Opto Interrupter 8-Bit Serial-Input/Serial or Prallel-Output Shift Register with Latched 3-State	ITR9909_EDGE
1 2 2 7	ITR9909 MCP6L04T-E/ST ITR9909	U4, U5 U6, U7, U8, U9, U10, U11, U12	1 MHz, 85 µA Quad Op Amp, 14-Pin Tape, Extended Temperature Range, Tape and Reel Everlight Opto Interrupter 8-Bit Serial-Input/Serial or Prallel-Output Shift Register with Latched 3-State Outputs 300mA, Low Quiescent Current, Fast Transient LIDO	ITR9909_EDGE
1 2 2 7	ITR9909 MCP6L04T-E/ST ITR9909 MC74HC595ADTR2	U4, U5 U6, U7, U8, U9, U10, U11, U12 U13, U14, U15, U16, U17	1 MHz, 85 µA Quad Op Amp, 14-Pin TSSOP, Extended Temperature Range, Tape and Reel Everlight Opto Interrupter 8-Bit Serial-Input/Serial or Prallel-Output Shift Register with Latched 3-State Outputs 300mA, Low Quiescent Current, Fast Transient LDO General Purpose 16-Bit Flash	ITR9909_EDGE 948F-01_N
1 2 2 7	ITR9909 MCP6L04T-E/ST ITR9909 MC74HC595ADTR2	U4, U5 U6, U7, U8, U9, U10, U11, U12 U13, U14, U15, U16, U17	1 MHz, 85 µA Quad Op Amp, 14-Pin TSSOP, Extended Temperature Range, Tape and Reel Everlight Opto Interrupter 8-Bit Serial-Input/Serial or Prallel-Output Shift Register with Latched 3-State Outputs 300mA, Low Quiescent Current, Fast Transient LOO General Purpose 16-Bit Flash Microcontroller with USB On-The-Go,	ITR9909_EDGE 948F-01_N
1 2 2 7	ITR9909  MCP6L04T-E/ST  ITR9909  MC74HC595ADTR2  AP7331-33WG-7	U4, U5 U6, U7, U8, U9, U10, U11, U12 U13, U14, U15, U16, U17 U18, U22, U24, U26	1 MHz, 85 µA Quad Op Amp, 14-Pin TSSOP, Extended Temperature Range, Tape and Reel Everlight Opto Interrupter 8-Bit Serial-Input/Serial or Prallel-Output Shift Register with Latched 3-State Outputs 300mA, Low Quiescent Current, Fast Transient LIDO General Purpose 16-Bit Flash Microcontroller with USB On-The-Go, 128RB Flash, 16KB SRAM, 64-Pin TQFP,	MR999_EDGE 948F-01_N SOT95P285X100-5N
1 2 2 7	ITR9909 MCP6L04T-E/ST ITR9909 MC74HC595ADTR2	U4, U5 U6, U7, U8, U9, U10, U11, U12 U13, U14, U15, U16, U17	1 MHz, 85 µA Quad Op Amp, 14-Pin TSSOP, Extended Temperature Range, Tape and Reel Everlight Opto Interrupter 8-Bit Serial-Input/Serial or Prallel-Output Shift Register with Latched 3-State Outputs 300mA, Low Quiescent Current, Fast Transient LDO General Purpose 16-Bit Flash Microcontroller with USB On-The-Go, 128KB Flash, 16KB SRAM, 64-Pin TQFP, Industrial Temperature	ITR9909_EDGE 948F-01_N
1 2 7 5 4	MCP6L04T-E/ST ITR9909 MC74HC595ADTR2 AP7331-33WG-7 PIC24FJ128GB106-VPT	U4, U5 U6, U7, U8, U9, U10, U11, U12 U13, U14, U15, U16, U17 U18, U22, U24, U26	1 MHz, 85 µA Quad Op Amp, 14-Pin Tape and Reel Everlight Opto Interrupter 8-Bit Serial-Input/Serial or Prallel-Output Shift Register with Latched 3-State Outputs 300mA Low Quiescent Current, Fast Transient LDO General Purpose 16-Bit Flash Microcontroller with USB On-The-Go, 128KB Flash, 16KB SRAM, 64-Pin TQFP, Industrial Temperature IR Receiver Module (38 kHz) for Remote	TR9909_EDGE 948F-01_N SOT95P285X100-5N TQFP-PT64_N
1 2 2 7 7 5 5 4 4	ITR9909  MCP6L04T-E/ST  ITR9909  MC74HC595ADTR2  AP7331-33WG-7	U4, U5 U6, U7, U8, U9, U10, U11, U12 U13, U14, U15, U16, U17 U18, U22, U24, U26	1 MHz, 85 µA Quad Op Amp, 14-Pin TSSOP, Extended Temperature Range, Tape and Reel Everlight Opto Interrupter 8-Bit Serial-Input/Serial or Prallel-Output Shift Register with Latched 3-State Outputs 300mA, Low Quiescent Current, Fast Transient LDO General Purpose 16-Bit Flash Microcontroller with USB On-The-Go, 128KB Flash, 16KB SRAM, 64-Pin TQFP, Industrial Temperature IR Receiver Module (38 kHz) for Remote Control Systems	MR999_EDGE 948F-01_N SOT95P285X100-5N
1 2 2 7 7 5 5 4 4	MCP6L04T-E/ST ITR9909 MC74HC595ADTR2 AP7331-33WG-7 PIC24FJ128GB106-VPT	U4, U5 U6, U7, U8, U9, U10, U11, U12 U13, U14, U15, U16, U17 U18, U22, U24, U26	1 MHz, 85 µA Quad Op Amp, 14-Pin Tape and Reel Everlight Opto Interrupter 8-Bit Serial-Input/Serial or Prallel-Output Shift Register with Latched 3-State Outputs 300mA Low Quiescent Current, Fast Transient LDO General Purpose 16-Bit Flash Microcontroller with USB On-The-Go, 128KB Flash, 16KB SRAM, 64-Pin TQFP, Industrial Temperature IR Receiver Module (38 kHz) for Remote	TR9909_EDGE 948F-01_N SOT95P285X100-5N TQFP-PT64_N
1 2 7 5 4	MCP6L04T-E/ST ITR9909 MC74HC595ADTR2 AP7331-33WG-7 PIC24FJ128GB106-VPT	U4, U5 U6, U7, U8, U9, U10, U11, U12 U13, U14, U15, U16, U17 U18, U22, U24, U26	1 MHz, 85 µA Quad Op Amp, 14-Pin TSSOP, Extended Temperature Range, Tape and Reel Everlight Opto Interrupter 8-Bit Serial-Input/Serial or Prallel-Output Shift Register with Latched 3-State Outputs 300mA, Low Quiescent Current, Fast Transient LDO General Purpose 16-Bit Flash Microcontroller with USB On-The-Go, 128KB Flash, 16KB SRAM, 64-Pin TQFP, Industrial Temperature IR Receiver Module (38 kHz) for Remote Control Systems Stand-Alone System Load Sharing and Li-	TR9909_EDGE 948F-01_N SOT95P285X100-5N TQFP-PT64_N
1 2 2 7 5 4	MCP6L04T-E/ST ITR9909 MC74HC595ADTR2 AP7331-33WG-7 PIC24FJ128GB106-VPT	U4, U5 U6, U7, U8, U9, U10, U11, U12 U13, U14, U15, U16, U17 U18, U22, U24, U26	1 MHz, 85 µA Quad Op Amp, 14-Pin Tape and Reel Everlight Opto Interrupter 8-Bit Serial-Input/Serial or Prallel-Output Shift Register with Latched 3-State Outputs 300mA, Low Quiescent Current, Fast Transient LDO General Purpose 16-Bit Flash Microcontroller with USB On-The-Go, 128KB Flash, 16KB SRAM, 64-Pin TQFP, Industrial Temperature IR Receiver Module (38 kHz) for Remote Control Systems Stand-Alone System Load Sharing and Li- Ion/Li-Polymer Battery Charge	TR9909_EDGE 948F-01_N SOT95P285X100-5N TQFP-PT64_N
1 2 2 7 7 5 4 4 1 1 1	TR9909  MCP6L04T-E/ST  TR9909  MC74HC595ADTR2  AP7331-33WG-7  PIC24FJ128GB106-I/PT  IRM-3638T  MCP73871-2CAI/ML	U4, U5 U6, U7, U8, U9, U10, U11, U12 U13, U14, U15, U16, U17 U18, U22, U24, U26 U19 U20	1 MHz, 85 µA Quad Op Amp, 14-Pin Tape and Reel Everlight Opto Interrupter 8-Bit Serial-Input/Serial or Prallel-Output Shift Register with Latched 3-State OutputS Shift Register with Latched 3-State OutputS OomA, Low Quiescent Current, Fast Transient LDO General Purpose 16-Bit Flash Microcontroller with USB On-The-Go, 128KB Flash, 16KB SRAM, 64-Pin TQFP, Industrial Temperature IR Receiver Module (138 kHz) for Remote Control Systems Stand-Alone System Load Sharing and Li- Ion/Li-Polymer Battery Charge Management Controller, 42V, 20-Pin QFN, Industrial Temperature USB/Charger and Over Voltage Detection	TR9909_EDGE 948F-01_N SOT95P285X100-5N  TQFP-PT64_N  IR-receiver
1 2 2 7 7 5 4 4 1 1 1	ITR9909  MCP6L04T-E/ST  ITR9909  MC74HC595ADTR2  AP7331-33WG-7  PIC24FJ128GB106-I/PT  IRM-3638T	U4, U5 U6, U7, U8, U9, U10, U11, U12 U13, U14, U15, U16, U17 U18, U22, U24, U26 U19	1 MHz, 85 μA Quad Op Amp, 14-Pin TSSOP, Extended Temperature Range, Tape and Reel Everlight Opto Interrupter 8-Bit Serial-Input/Serial or Prallel-Output Shift Register with Latched 3-State Outputs 300mA, Low Quiescent Current, Fast Transient LDO General Purpose 16-Bit Flash Microcontroller with USB On-The-Go, 128KB flash, 16KB SRAM, 64-Pin TQFP, Industrial Temperature IR Receiver Module (38 kHz) for Remote Control Systems Stand-Alone System Load Sharing and Li- lon/Li-Polymer Battery Charge Management Controller, 4.2V, 20-Pin QFN, Industrial Temperature USB/Charger and Over Voltage Detection Device	TR999_EDGE 948F-01_N SOT95P285X100-5N  TQFP-PT64_N  IR-receiver
1 2 2 7 5 4 1 1 1	MCP6L04T-E/ST ITR9909 MC74HC595ADTR2 AP7331-33WG-7 PIC24FJ128GB106-I/PT IRM-3638T MCP73871-2CAI/ML FAN3988	U4, U5 U6, U7, U8, U9, U10, U11, U12 U13, U14, U15, U16, U17 U18, U22, U24, U26 U19 U20 U21	1 MHz, 85 µA Quad Op Amp, 14-Pin Tape and Reel Everlight Opto Interrupter 8-Bit Serial-Input/Serial or Prallel-Output Shift Register with Latched 3-State Outputs 300mA, Low Quiescent Current, Fast Transient LDO General Purpose 16-Bit Flash Microcontroller with USB On-The-Go, 128KB Flash, 16KB SRAM, 64-Pin TQFP, Industrial Temperature R Receiver Module (38 kHz) for Remote Control Systems Stand-Alone System Load Sharing and Li- Ion/Li-Polymer Battery Charge Management Controller, 4.2V, 20-Pin QFN, Industrial Temperature USB/Charger and Over Voltage Detection Device USB/Charger and Over Voltage Detection Device S50mW Audio Power Amplifier with	TR9909_EDGE 948F-01_N SOT95P285X100-5N  TQFP-PT64_N  IR-receiver  QFN-ML20_N  MLP 1.45X1MM
1 2 7 5 4 1 1 1	MCP6L04T-E/ST ITR9909  MC74HC595ADTR2  AP7331-33WG-7  PIC24FJ128GB106-VPT IRM-3638T  MCP73871-2CAI/ML FAN3988  LM4819M	U4, U5 U6, U7, U8, U9, U10, U11, U12 U13, U14, U15, U16, U17 U18, U22, U24, U26 U19 U20 U21	1 MHz, 85 µA Quad Op Amp, 14-Pin Tappe and Reel Everlight Opto Interrupter 8-Bit Serial-Input/Serial or Prallel-Output Shift Register with Latched 3-State Outputs 300mA, Low Quiescent Current, Fast Transient LDO General Purpose 16-Bit Flash Microcontroller with USB On-The-Go, 128KB Flash, 16KB SRAM, 64-Pin TQFP, Industrial Temperature Receiver Module (38 kHz) for Remote Control Systems Stand-Alone System Load Sharing and Li- Ion/Li-Polymer Battery Charge Management Controller, 42V, 20-Pin QFN, Industrial Temperature USB/Charger and Over Voltage Detection Device USB/Charger and Over Voltage Detection Device Som W Audio Power Amplifier with Shutdown Mode	### TRY TO SOLUTION OF THE PROPERTY OF THE PRO
1 2 7 5 4 1 1 1 1 1	MCP6L04T-E/ST ITR9909 MC74HC595ADTR2 AP7331-33WG-7 PIC24FJ128GB106-I/PT IRM-3638T MCP73871-2CAI/ML FAN3988	U4, U5 U6, U7, U8, U9, U10, U11, U12 U13, U14, U15, U16, U17 U18, U22, U24, U26 U19 U20 U21	1 MHz, 85 µA Quad Op Amp, 14-Pin Tape and Reel Everlight Opto Interrupter 8-Bit Serial-Input/Serial or Prallel-Output Shift Register with Latched 3-State Outputs 300mA, Low Quiescent Current, Fast Transient LDO General Purpose 16-Bit Flash Microcontroller with USB On-The-Go, 128KB Flash, 16KB SRAM, 64-Pin TQFP, Industrial Temperature R Receiver Module (38 kHz) for Remote Control Systems Stand-Alone System Load Sharing and Li- Ion/Li-Polymer Battery Charge Management Controller, 4.2V, 20-Pin QFN, Industrial Temperature USB/Charger and Over Voltage Detection Device USB/Charger and Over Voltage Detection Device S50mW Audio Power Amplifier with	TR9909_EDGE 948F-01_N SOT95P285X100-5N  TQFP-PT64_N  IR-receiver  QFN-ML20_N  MLP 1.45X1MM







MicroSD-Astron 5190008-XA4-R Alstron R3190005-021-R

