

A

B

C

D

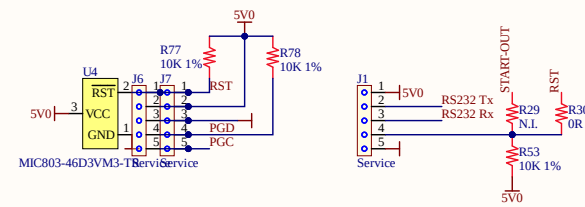
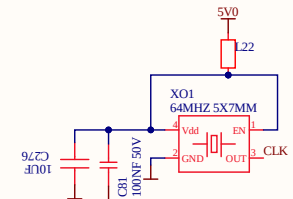
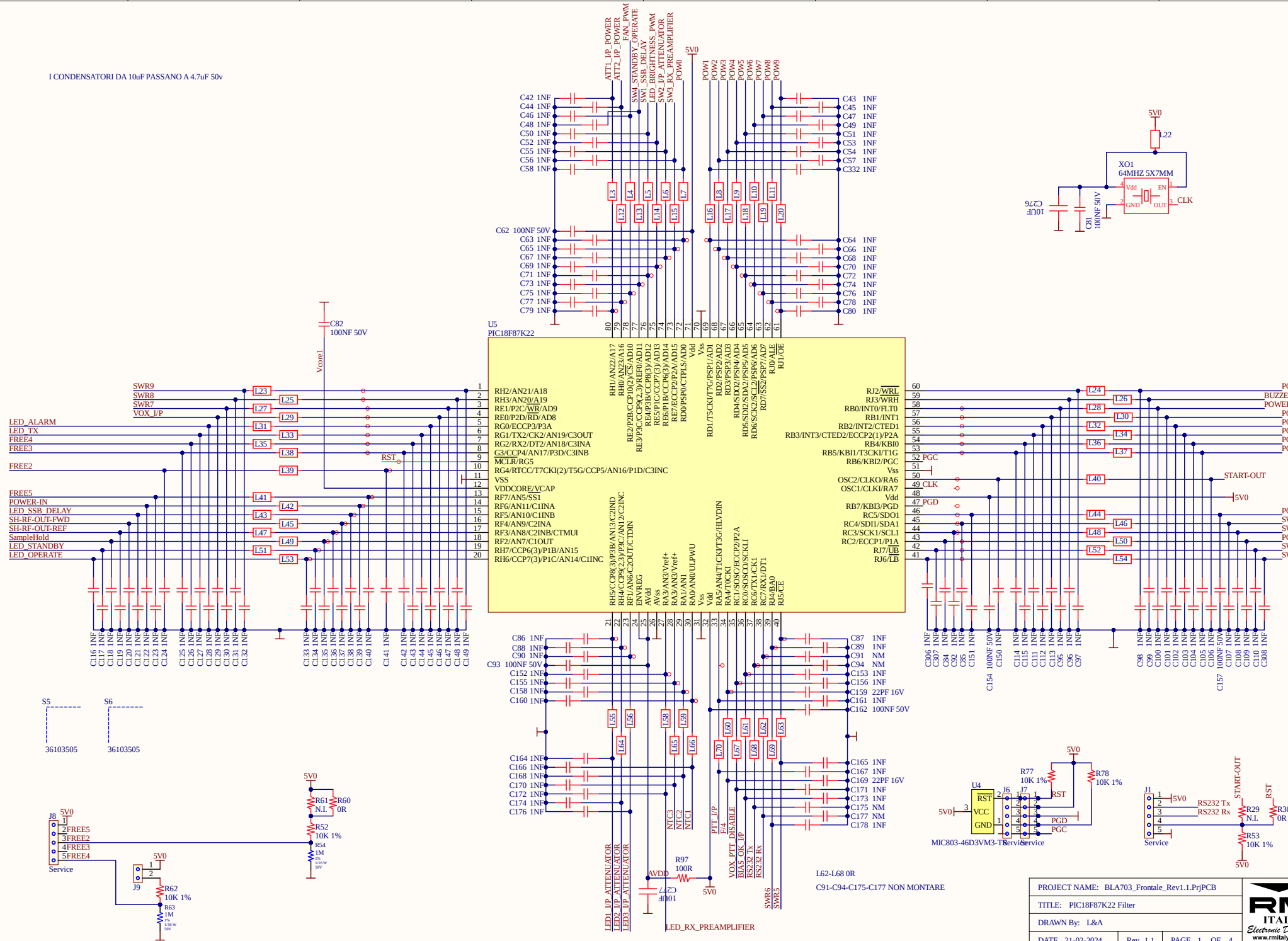
A

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C

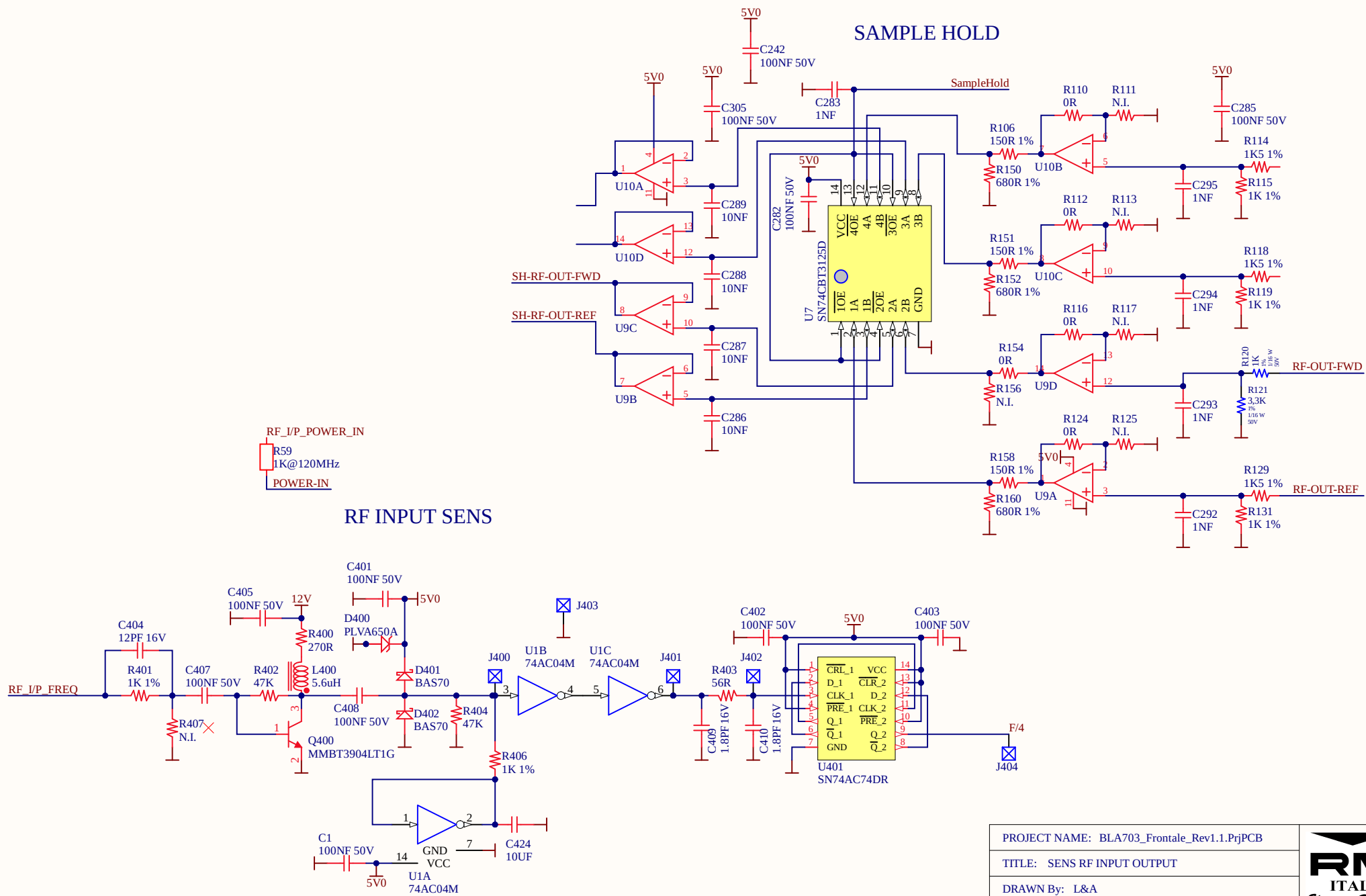
D

I CONDENSATORI DA 10uF PASSANO A 4.7uF 50v



PROJECT NAME: BLA703_Frontale_Rev1.1.PrjPCB			
TITLE: PIC18F87K22 Filter			
DRAWN By: L&A			
DATE 21-02-2024	Rev. 1.1	PAGE 1	OF 4

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PROJECT NAME: BLA703_Frontale_Rev1.1.PrfPCB			
TITLE: SENS RF INPUT OUTPUT			
DRAWN By: L&A			
DATE 21-02-2024	Rev. 1.1	PAGE 2	OF 4



A

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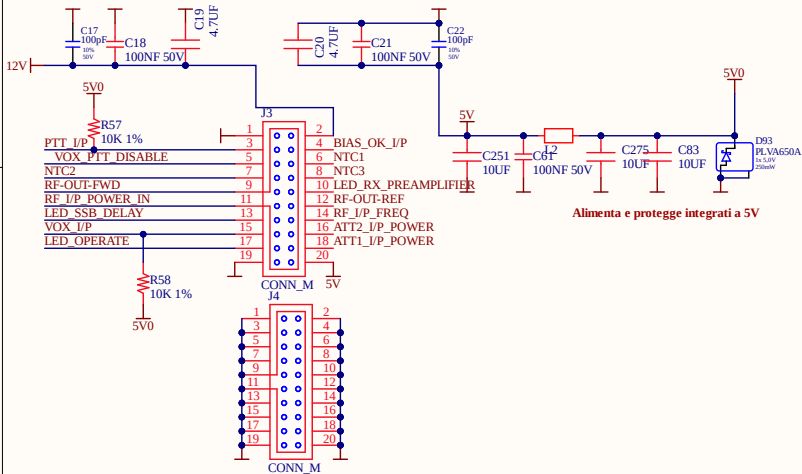
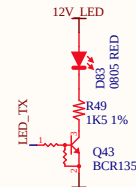
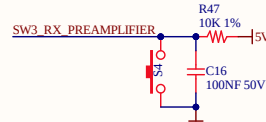
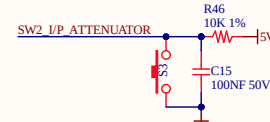
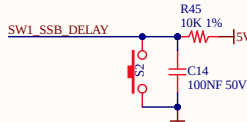
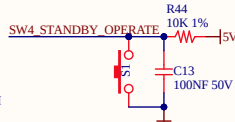
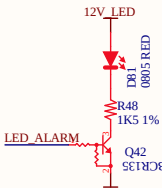
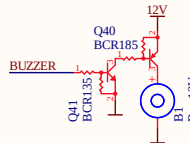
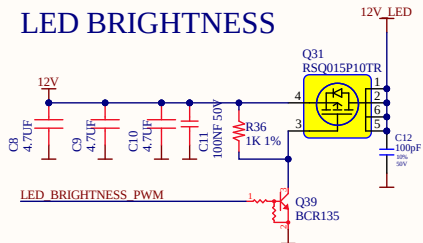
A

B

C

D

LED BRIGHTNESS



Alimenta e protegge integrati a 5V

Senza Foam
con distanziale alto 3mm
MINOF
TL3301AF260QG tasto alto
in totale 5mm

Con Foam
con distanziale alto 4mm
MINOF
TL3301FF260QG tasto alto
in totale 7mm



PROJECT NAME: BLA703_Frontale_Rev1.1.PrjPCB

TITLE: Controllo e Connessioni

DRAWN By: L&A

DATE 21-02-2024

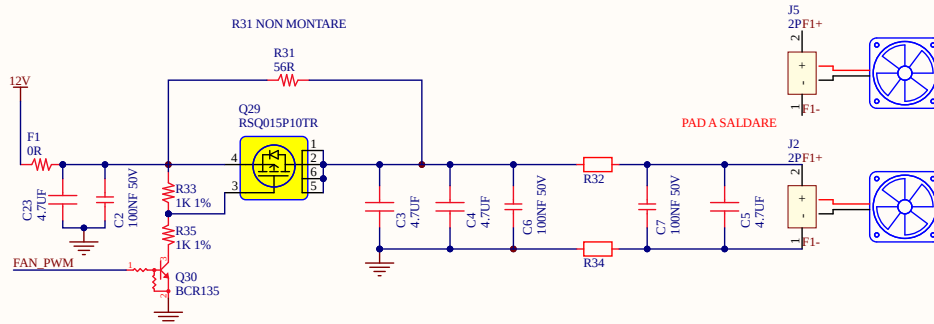
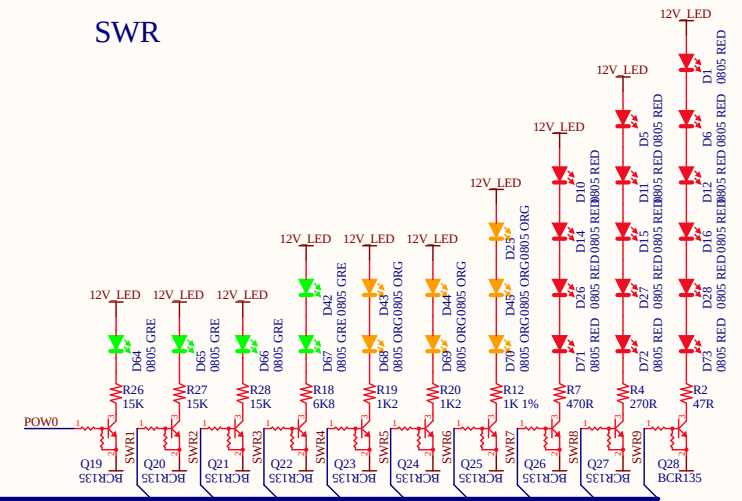
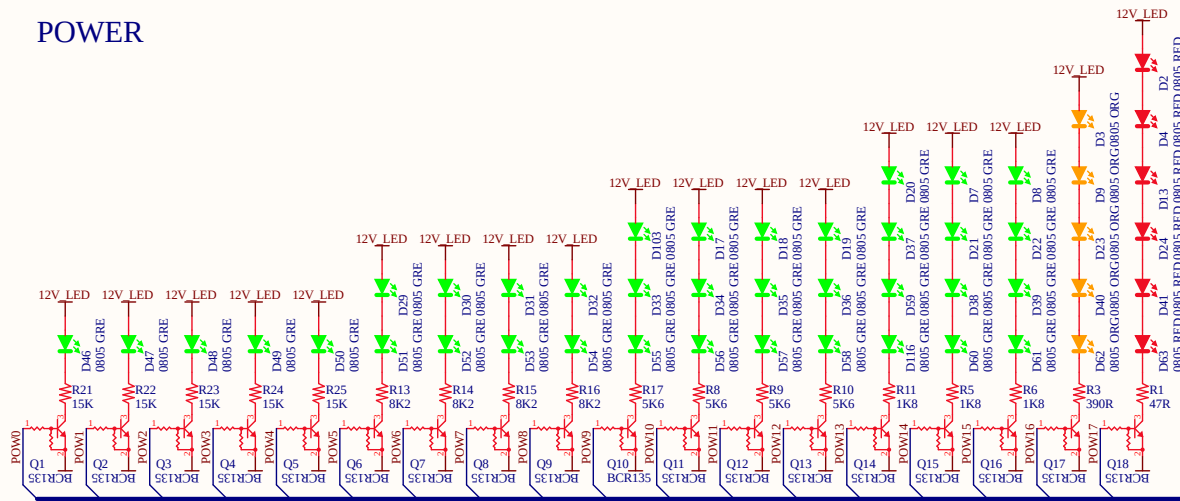
Rev. 1.1

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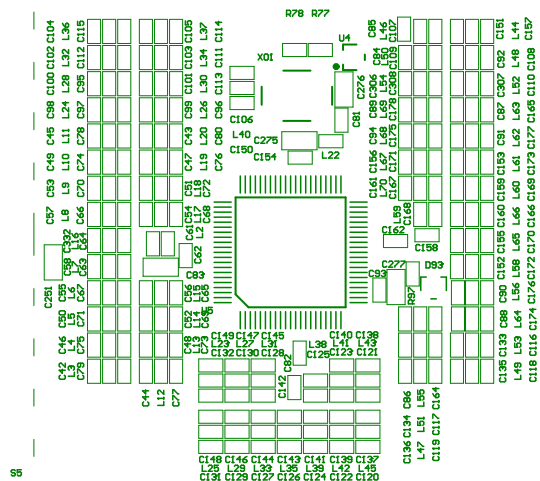
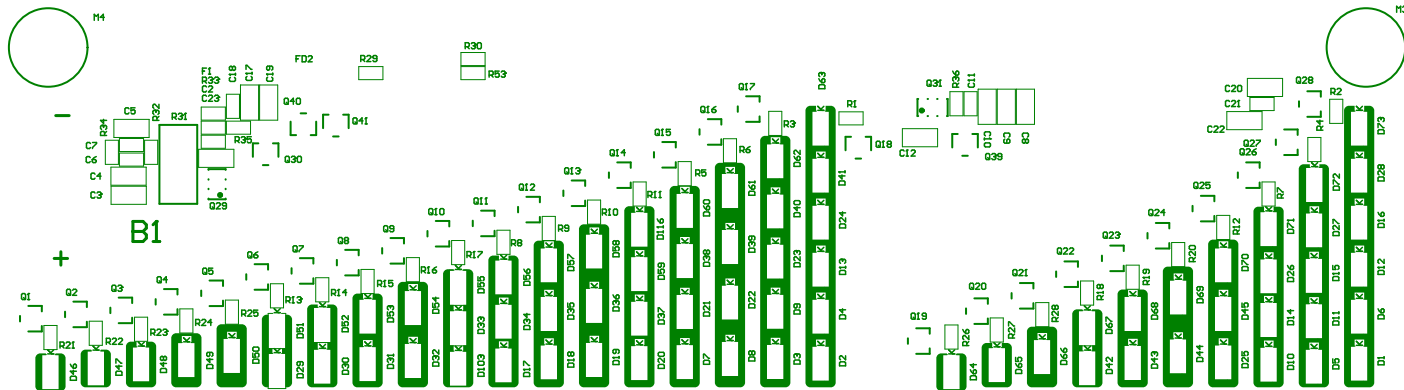
POWER

SWR

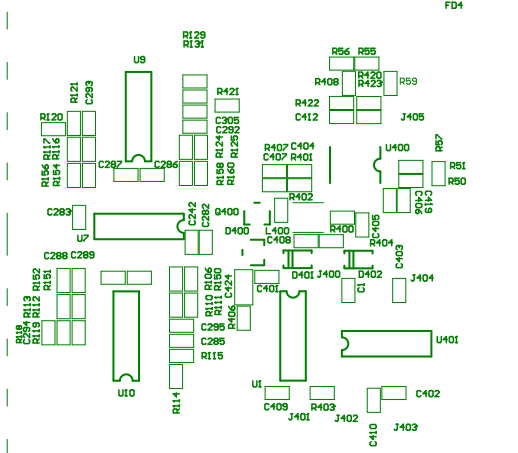


PROJECT NAME: BLA703_Frontale_Rev1.1.PrjPCB			
TITLE: LED (FWR & DIR) - FAN			
DRAWN By: L&A			
DATE 21-02-2024	Rev. 1.1	PAGE 4	OF 4





S6



BLA703 - FRONTALE - Rev 1.0			
Quantity	Designator	Comment	Description
1	B1	Buz 12V	Buzzer 12V dia12
29	C1, C2, C6, C7, C11, C13, C14, C15, C16, C18, C21, C61, C62, C81, C82, C93, C154, C157, C162, C242, C282, C285, C305, C401, C402, C403, C405, C407, C408	100NF 50V	Cap X7R 100nF 50V Flex Terminal, Cap X7R 100nF 50V
9	C3, C4, C5, C8, C9, C10, C19, C20, C23	4.7UF	Cap X5R 4.7UF 50V
3	C12, C17, C22	100pF	Cap 100pF +/-10%; 50V; Case 0805; X7R
127	C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C84, C85, C86, C87, C88, C89, C90, C92, C95, C96, C97, C98, C99, C100, C101, C102, C103, C104, C105, C106, C107, C108, C109, C110, C111, C112, C113, C114, C115, C116, C117, C118, C119, C120, C121, C122, C123, C124, C125, C126, C127, C128, C129, C130, C131, C132, C133, C134, C135, C136, C137, C138, C139, C140, C141, C142, C143, C144, C145, C146, C147, C148, C149, C150, C151, C152, C153, C155, C156, C158, C160, C161, C164, C165, C166, C167, C168, C170, C171, C172, C173, C174, C176, C178, C283, C292, C293, C294, C306, C307, C308, C332	1nF	Cap X7R 1nF 50V
6	C83, C251, C275, C276, C277, C424	10UF	Cap X5R 10UF 16V
2	C159, C169	22PF 16V	Cer X7R 22PF 16V
4	C286, C287, C288, C289	10NF	Cap X7R 10nF 50V
1	C404	12PF 16V	Cer COG 12PF 16V
2	C409, C410	1.8PF 16V	Cer COG 1.8PF 16V
23	D1, D2, D4, D5, D6, D10, D11, D12, D13, D14, D15, D16, D24, D26, D27, D28, D41, D63, D71, D72, D73, D81, D83	0805 RED	LED Rosso 0805
18	D3, D9, D23, D25, D40, D43, D44, D45, D62, D68, D69, D70, D74, D75, D76, D77, D78, D79	0805 ORG	LED arancio 0805
43	D7, D8, D17, D18, D19, D20, D21, D22, D29, D30, D31, D32, D33, D34, D35, D36, D37, D38, D39, D42, D46, D47, D48, D49, D50, D51, D52, D53, D54, D55, D56, D57, D58, D59, D60, D61, D64, D65, D66, D67, D80, D103, D116	0805 GRE	LED Verde 0805
2	D93, D400	PLVA650A	Diode SV avalanche regulator, DIODE ZENER SV 250MW TO23GAB
2	D401, D402	BA570	Si Schottky Diode Single
6	F1, R30, R60, R116, R124, R154	0R	Res Film Spesso 1/16W 0R 5%
70	I2, I3, I4, I5, I6, I7, I8, I9, I10, I11, I12, I13, I14, I15, I16, I17, I18, I19, I20, I22, I23, I24, I25, I26, I27, I28, I29, I30, I31, I32, I33, I34, I35, I36, I37, I38, I39, I40, I41, I42, I43, I44, I45, I46, I47, I48, I49, I50, I51, I52, I53, I54, I55, I56, I58, I59, I60, I61, I62, I63, I64, I65, I66, I67, I68, I69, I70, R32, R34, R59	1K@120MHz	EMI Suppressor Ferrite Bead
1	L400	5.6uH	Induttanza 5.6uH
40	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10, Q11, Q12, Q13, Q14, Q15, Q16, Q17, Q18, Q19, Q20, Q21, Q22, Q23, Q24, Q25, Q26, Q27, Q28, Q30, Q32, Q33, Q34, Q35, Q36, Q37, Q38, Q39, Q41, Q42, Q43	BCR135	NPN Si Digital Transistor
2	Q29, Q31	RSQ015P10TR	Power MOSFET P - 100V 1.5A
1	Q40	BCR185	PNP Si Digital Transistor
1	Q400	MMBT3904LT1G	NPN Si Digital Transistor
2	R1, R2	47R	Res Film Spesso 1/16W 47R 5%
1	R3	390R	Res Film Spesso 1/16W 390R 5%
2	R4, R400	270R	Res Film Spesso 1/16W 270R 5%
3	R5, R6, R11	1K8	Res Film Spesso 1/16W 1K8 5%
1	R7	470R	Res Film Spesso 1/16W 470R 5%
4	R8, R9, R10, R17	5K6	Res Film Spesso 1/16W 5K6 5%, Res Film Spesso 1/16W 1K8 5%
7	R12, R33, R35, R36, R131, R401, R406	1K 1%	Res Film Spesso 1/16W 1K 1%
4	R13, R14, R15, R16	8K2	Res Film Spesso 1/16W 8K2 5%
1	R18	6K8	Res Film Spesso 1/16W 6K8 5%
2	R19, R20	1K2	Res Film Spesso 1/16W 1K2 5%
8	R21, R22, R23, R24, R25, R26, R27, R28	15K	Res Film Spesso 1/16W 15K 5%
8	R29, R61, R111, R113, R117, R125, R156, R407	N.I.	Res Film Spesso 1/16W 22K 1%, Res Film Spesso 1/16W
9	R37, R38, R39, R40, R41, R43, R48, R49, R129	1K5 1%	Res Film Spesso 1/16W 1K5 1%
11	R44, R45, R46, R47, R52, R53, R57, R58, R62, R77, R78	10K 1%	Res Film Spesso 1/16W 10K 1%
2	R54, R63	1M	Res Thick Film; 1M +/- 1%; 1/16W; Case 0603; 50V
1	R97	100R	Res Film Spesso 1/16W 100R 5%
1	R158	150R 1%	Res Film Spesso 1/16W 150R 1%
1	R120	1K	Res Thick Film; 1K +/- 1%; 1/16W; Case 0603; 50V
1	R121	3.3K	Res Thick Film; 3.3K +/- 1%; 1/16W; Case 0603; 50V
1	R160	680R 1%	Res Film Spesso 1/16W 680R 1%
2	R402, R404	47K	Res Film Spesso 1/16W 47K 5%
1	R403	56R	Res Film Spesso 1/16W 56R 5%
4	S1, S2, S3, S4	PULS 6X6H6 SMD	Tactile Switch 4Pin 6x6mm HG
1	U1	74AC04M	Hex Inverter
1	U4	MIC803-46D3VM3-TR	
1	U5	PIC18F87K22	
1	U7	SN74CBT3125D	4 Bus Switch
2	U9, U10	AD8534ARZ	4 operational amplifiers
1	U401	SN74AC74DR	Flip_Flop_D
1	X01	64MHZ 5X7MM	XO SMD Oscillator