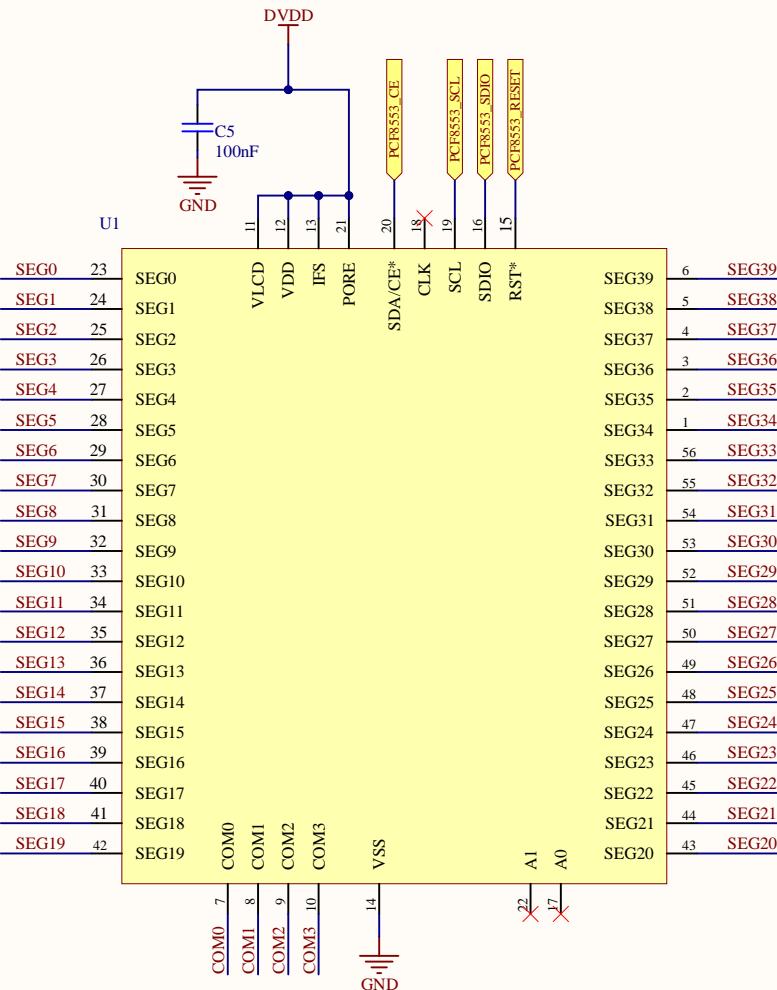
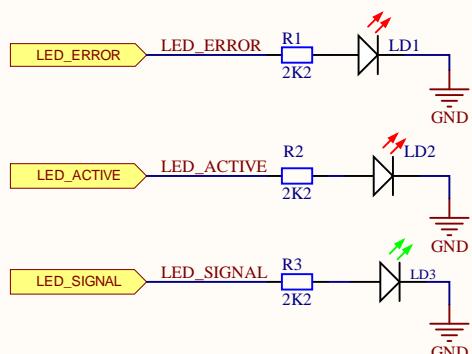
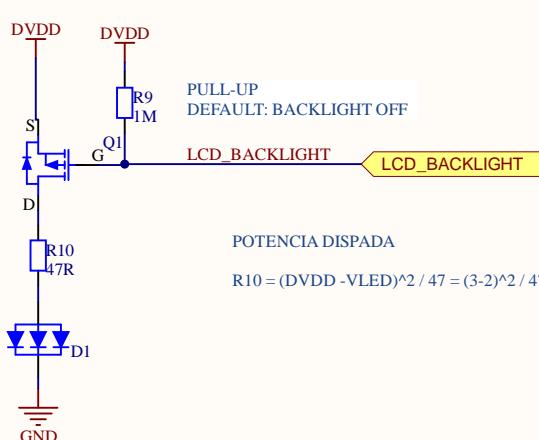
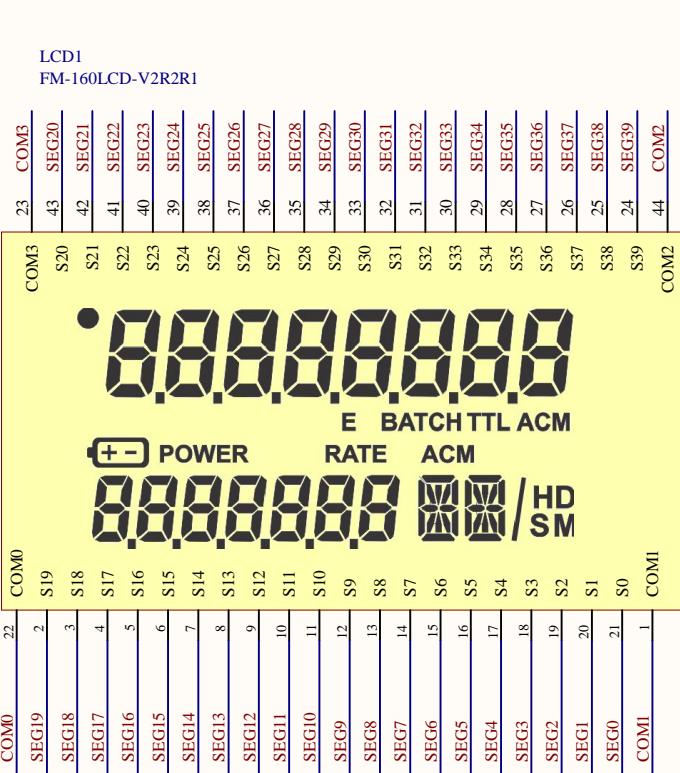


STM32U575VITxQ
LQFP100

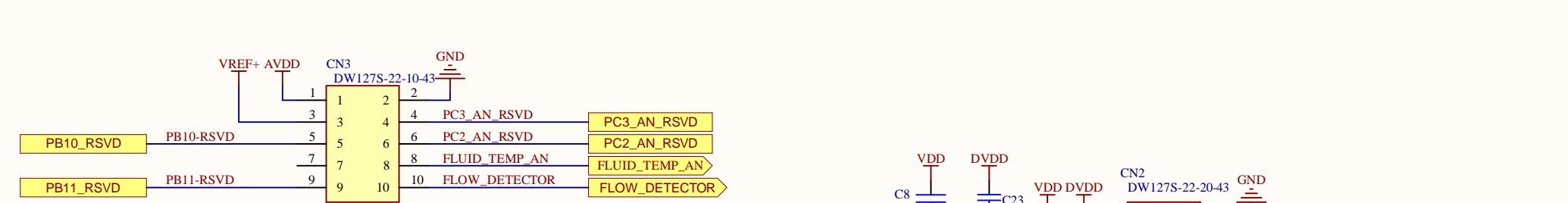
LQFP100

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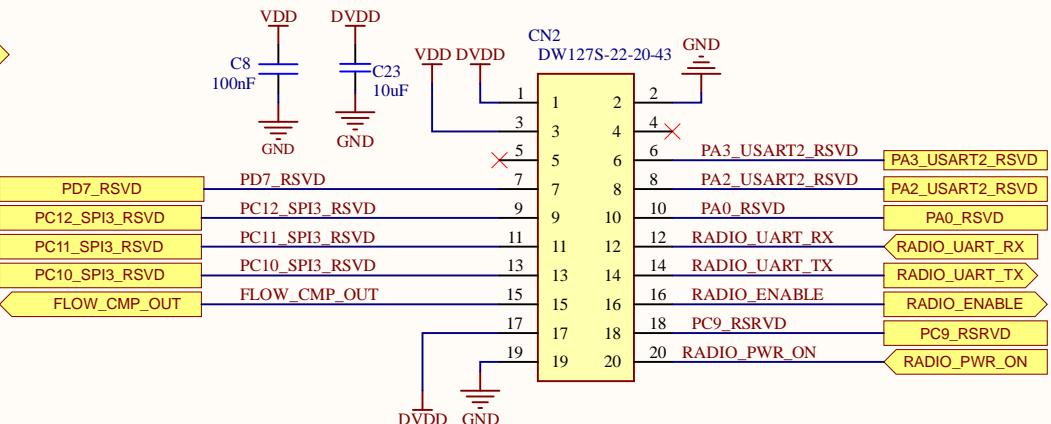
A0 y A1 tienen pull-down interno.

1 2 3 4

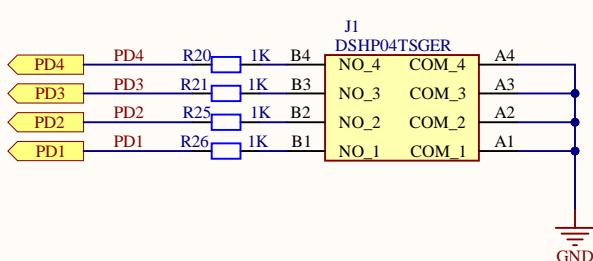


A
B
Todos los pines del micro expuestos con proteccion ESD, en este caso ademas los resisores de 1k aumentan la resistencias a ESD.

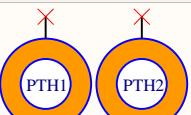
PD1:
PD2:
PD3/4: Funcion de botones externo
Se usan resitores pull-up interno, solo al leer los estados, para minimizar consumo
Proteccion de ESD para pines expuestos



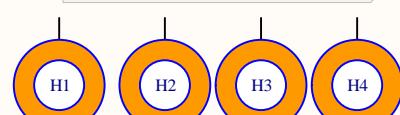
C 1 2 3 4



Fijacion de separadores a placa B2



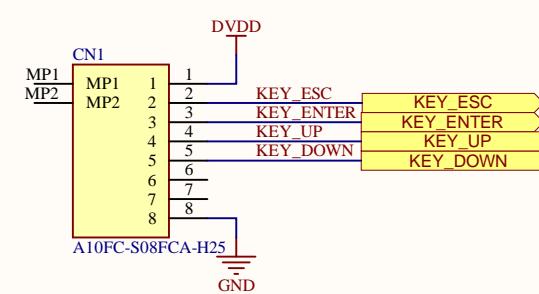
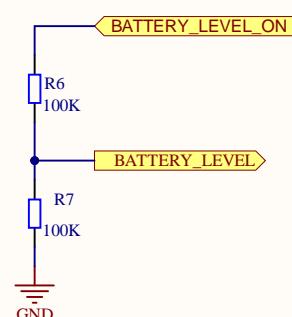
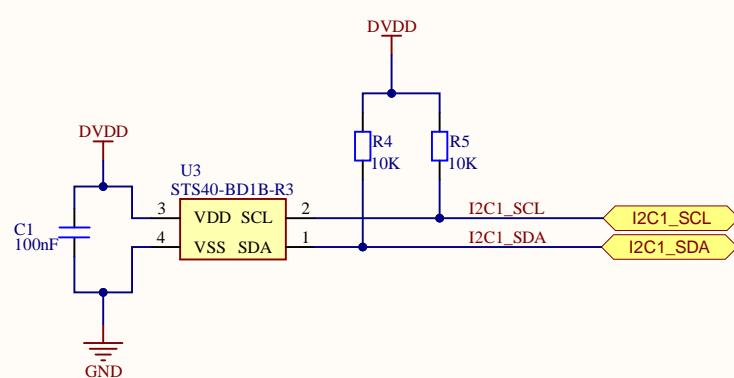
Agujeros pasantes. Vincula B1 con B0 de manera flotante.



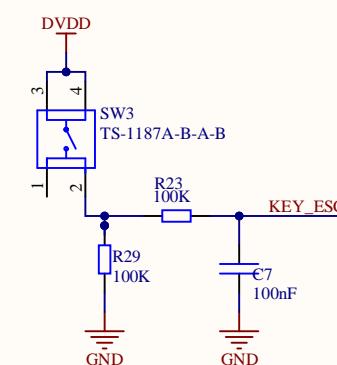
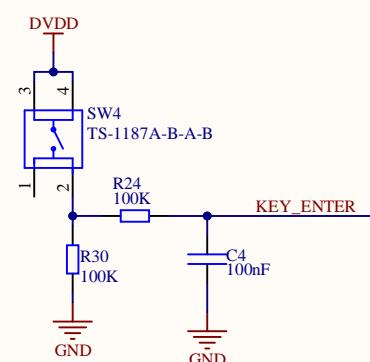
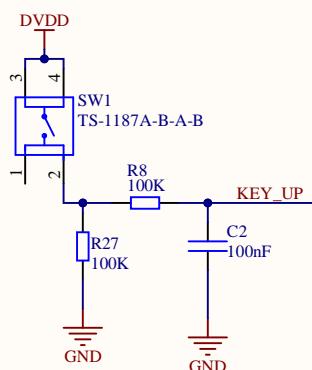
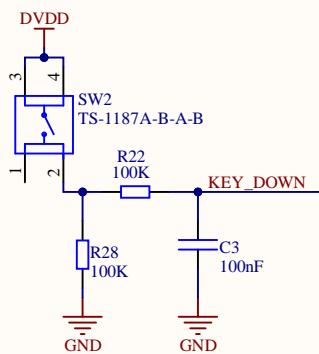
1 2 3 4

1 2 3 4

A



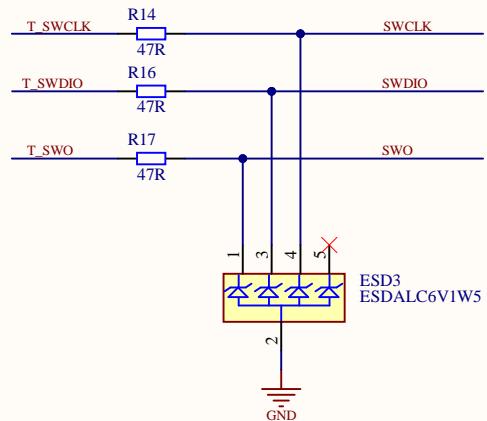
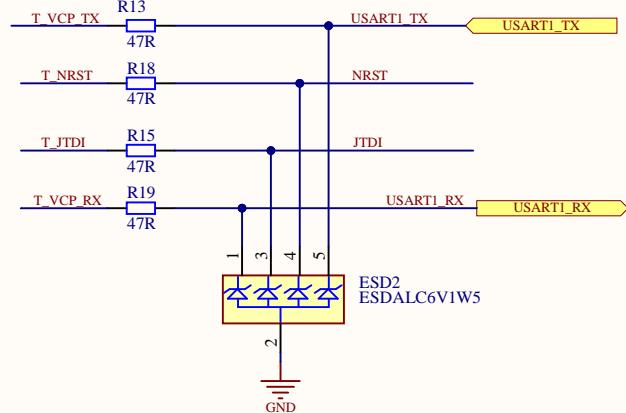
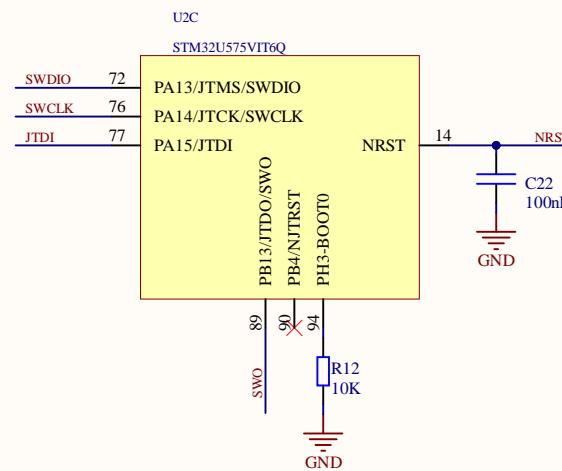
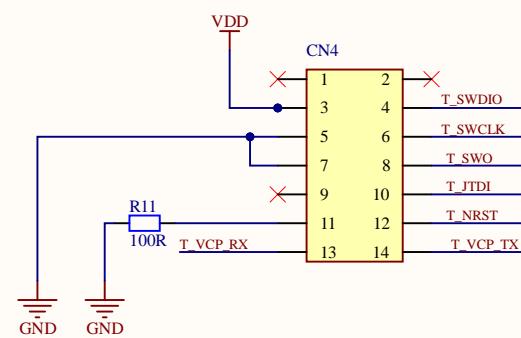
B



C

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1

2

3

4

A

A

B

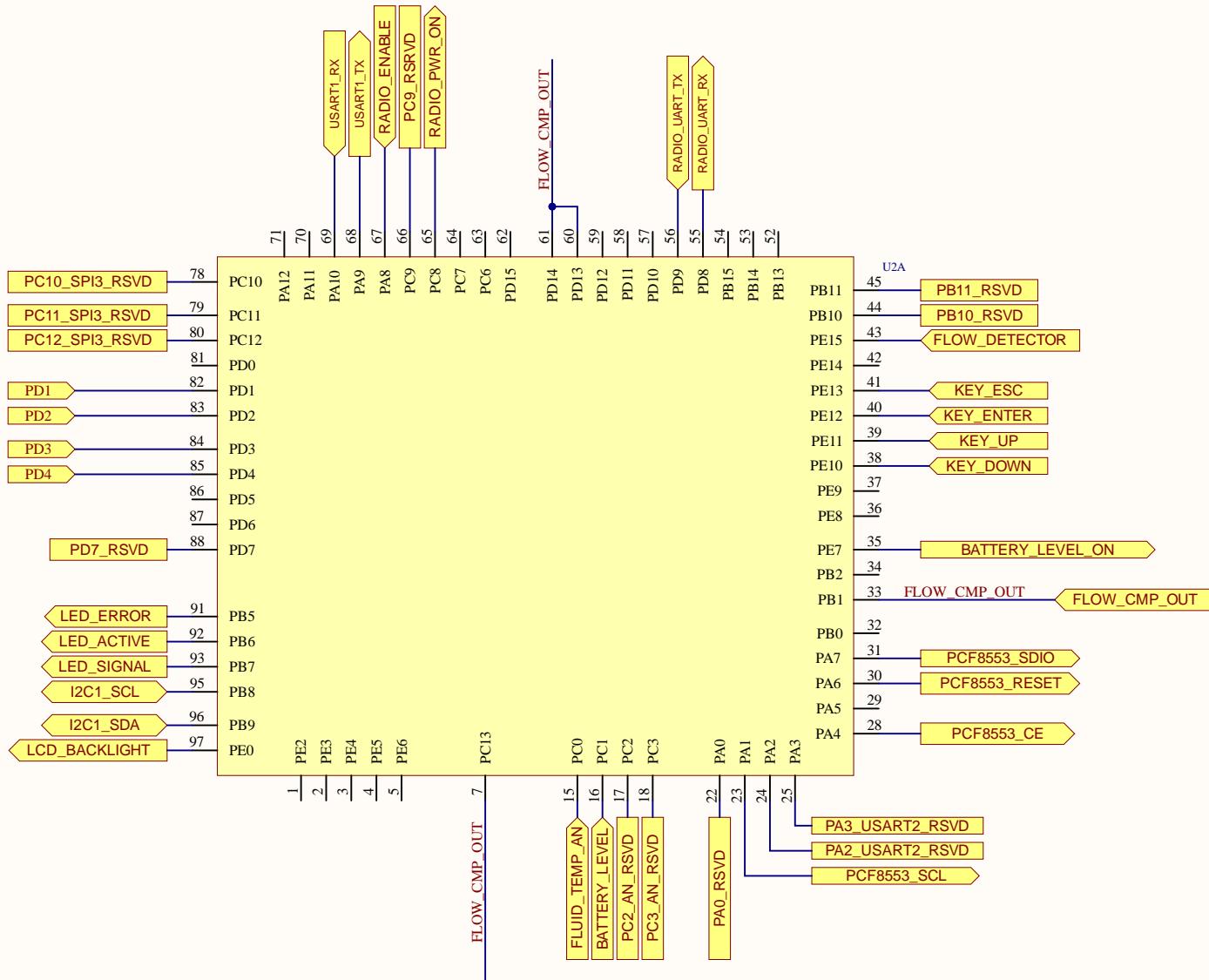
B

C

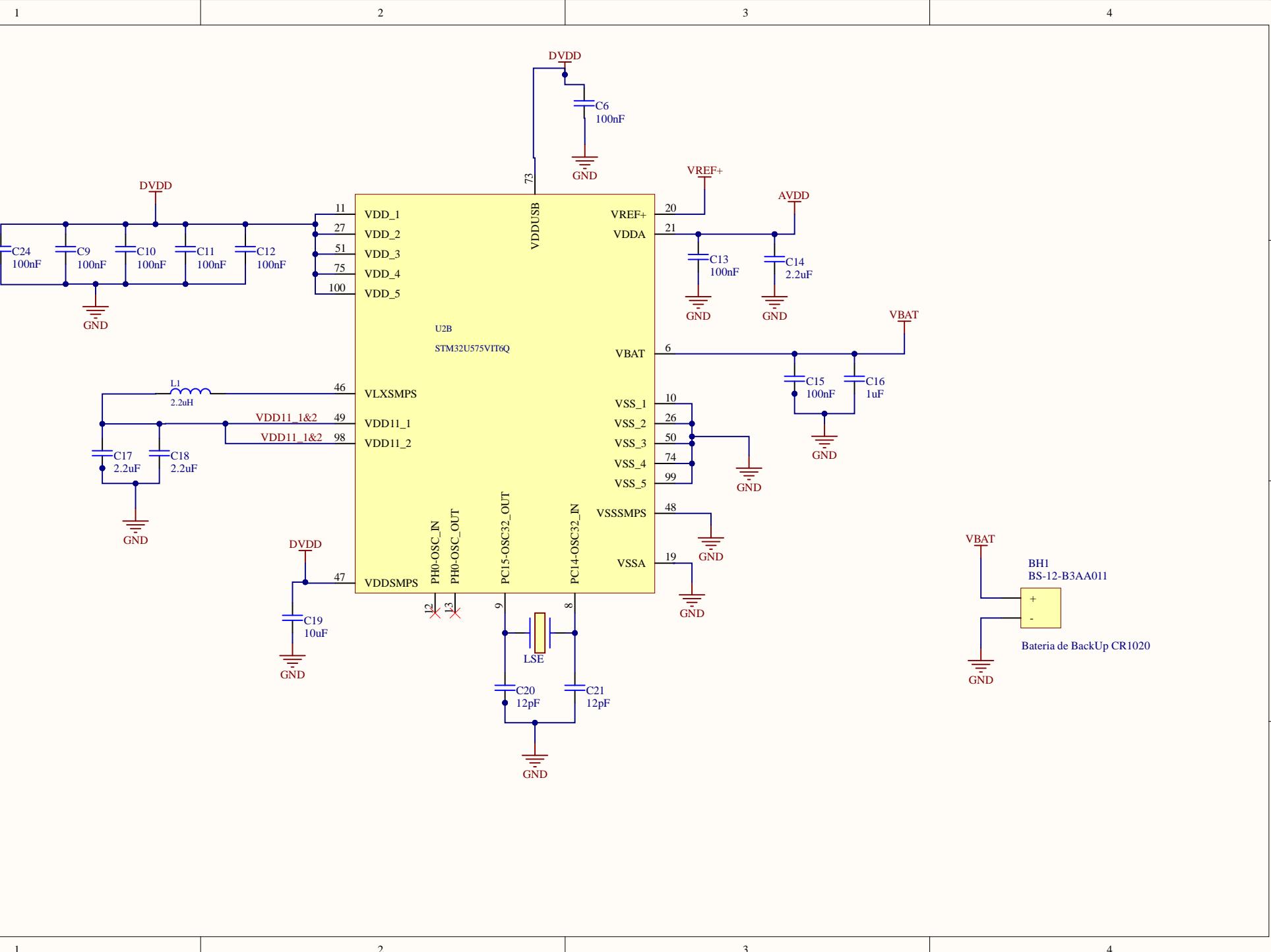
C

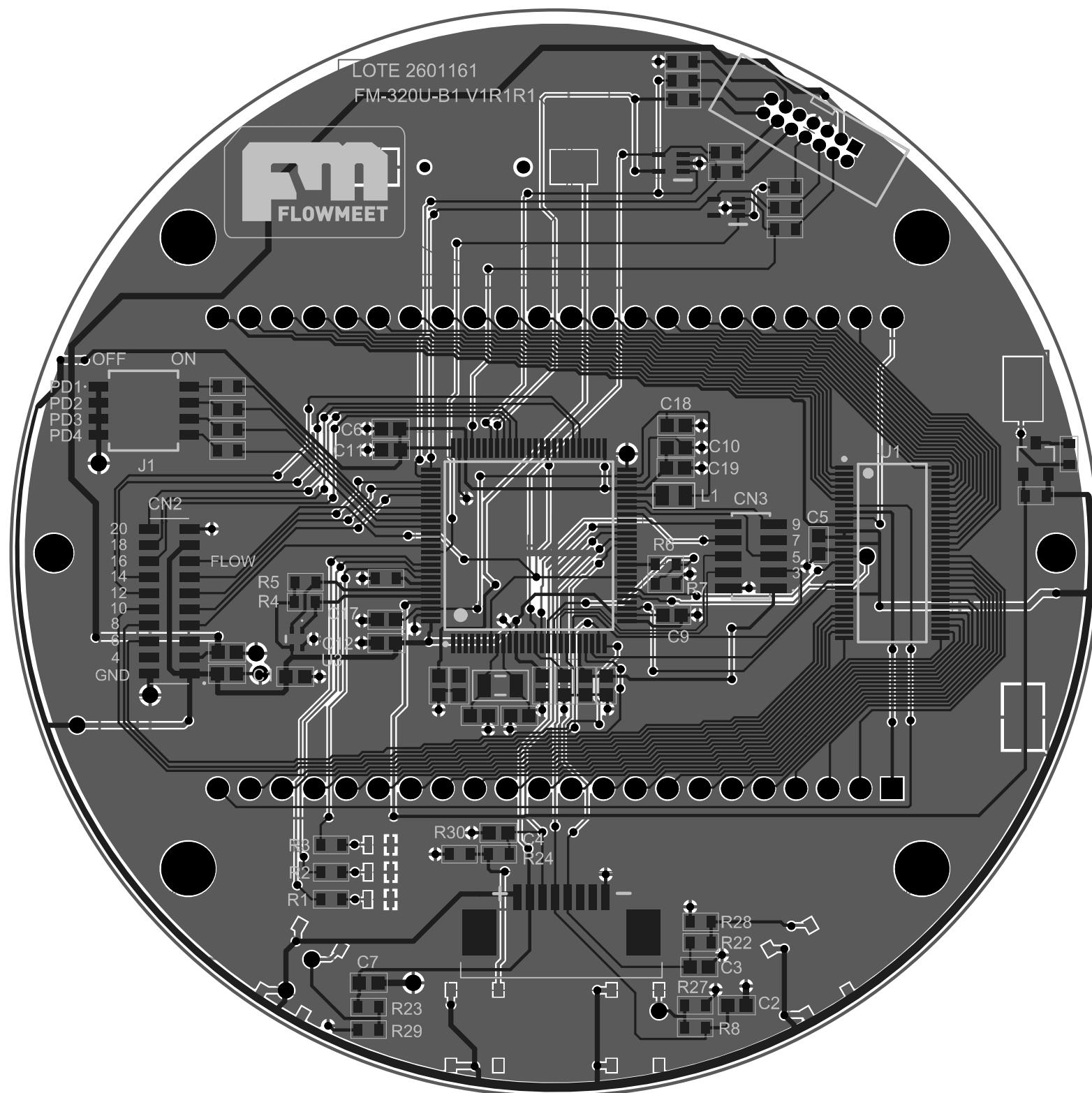
D

D



Puertos del uC conectados a un port undefined,
tienen funcion sugerida pero no definida.





Line #	Designator	Quantity	Manufacturer	Manufacturer Part Number	Vendor	Vendor Part Number
	BH1	1	Myoung	BS-12-B3AA011		
	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C15, C22, C24	16	Yageo	OC00603KRX7R9BB104		
	C14, C17, C18	3	Yageo	OC00603KRX7R6BB225		
	C16	1	Yageo	OC00603KRX7R6BB105		
	C19, C23	2	Yageo	OC00603KRX5R6BB106		
	C20, C21	2	Yageo	OC00603JRNPO9BN120		
	CN1	1	JXTOCONN	A10FCS08FCA-H25	LCSC	C42447839
	CN2	1	Dealon	DW127S-22-20-43	LCSC	
	CN3	1	Dealon	DW127S-22-10-43	LCSC	
	CN4	1	Amphenol ICC	20021511-00014T4LF		
	ESD2, ESD3	2	ST	ESDAL06V1W5		
	J1	1	Kangshen	DSHP04TSGER	LCSC	C3293144
	L1	1	Murata Electronics	LQM21PN2R2MGHL		
	LOD1	1	FLOWMEET	FM-160LOD-V2R2R1		
	LD1, LD2	2	Everlight Elec	17-21SURC/S530-A2/TR8		
	LD3	1	Everlight Elec	17-21SYGC/S530-E2/TR8		
	LSE	1	Seiko	SC32S-12.5PF20PPM		
	Q1	1	Diodes Incorporated	DMG3401LSN-7		
	R1, R2, R3	3	Yageo	RC00603FR-072K2L		
	R4, R5, R12	3	Yageo	RC00603FR-0710KL		
	R6, R7, R8, R22, R23, R24, R27, R28, R29, R30	10	Yageo	RC00603FR-13100KL		
	R9	1	Yageo	RC00603FR-071ML		
	R10, R13, R14, R15, R16, R17, R18, R19	8	Yageo	RC00603FR-0747RL		
	R11	1	Yageo	RC00603FR-07100RL		
	R20, R21, R25, R26	4	Yageo	RC00603FR-071KL		
	SW1, SW2, SW3, SW4	4	XKB Connectivity	TS-1187A-B-A-B	LCSC	C318884
	U1	1	NXP	PCF8553DTT/AY		
	U2	1	ST	STM32U575VIT6Q		
	U3	1	Sensirion	STS40-BD1B-R3		