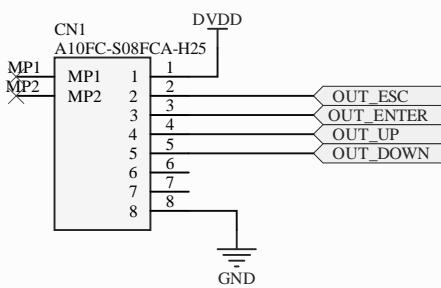
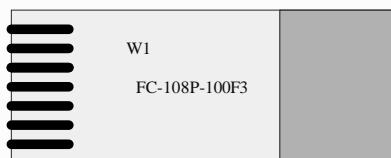


A

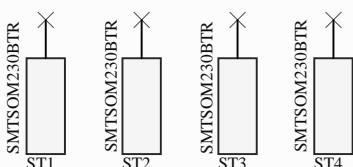


WIRE FCC - es componente mecanico,
aparece en el BOM, pero no en el PCB

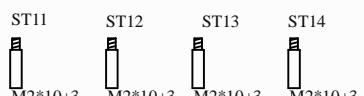


B

Separadores SMD. Se montan los separadores, fijos a esta placa, pero flotantes con tope en B1

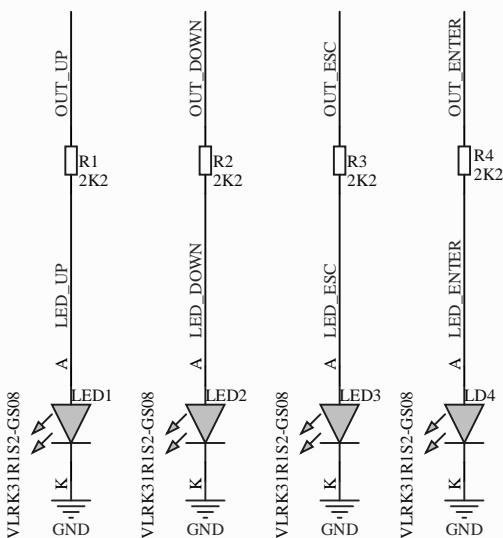
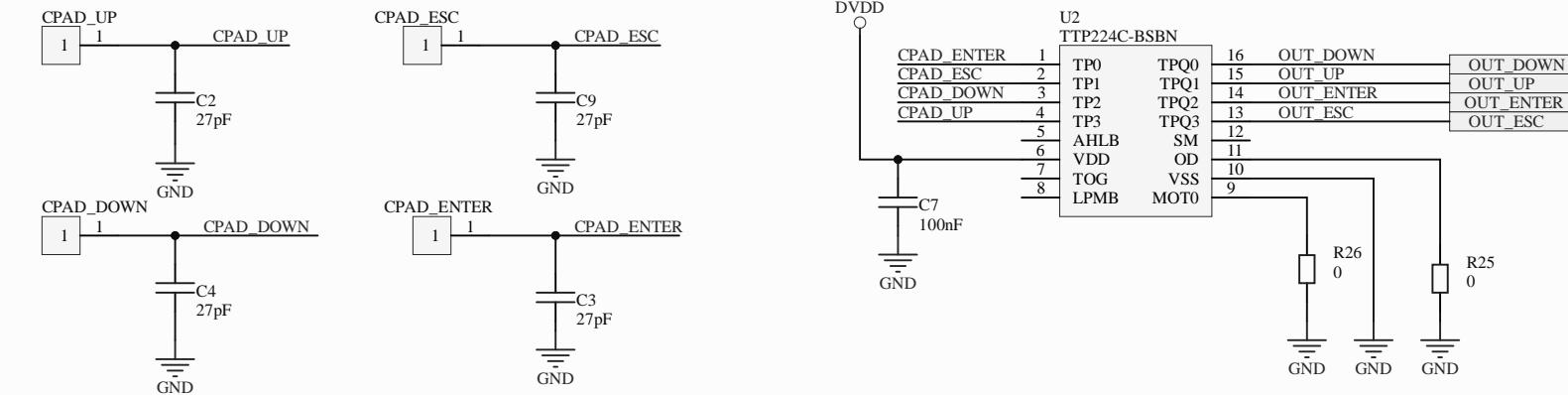


Separadores, no se montan en el PCB. Hay que darles indicaciones al fabricante para que los rosque a ST1 a ST4.
Vinculas B0 con B1, en B1 quedan flotantes.



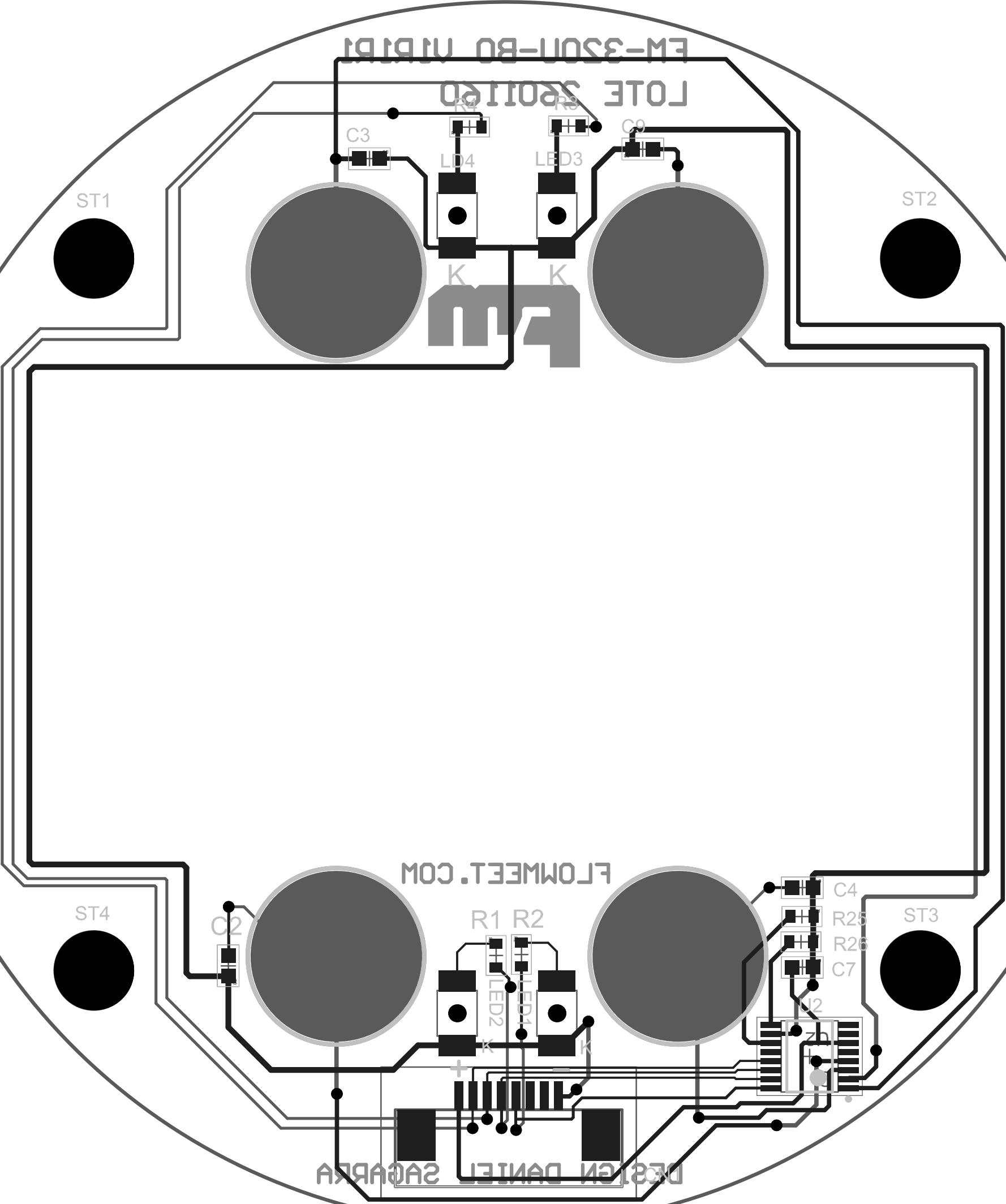
D

PADS TECLADO CAPACITIVO



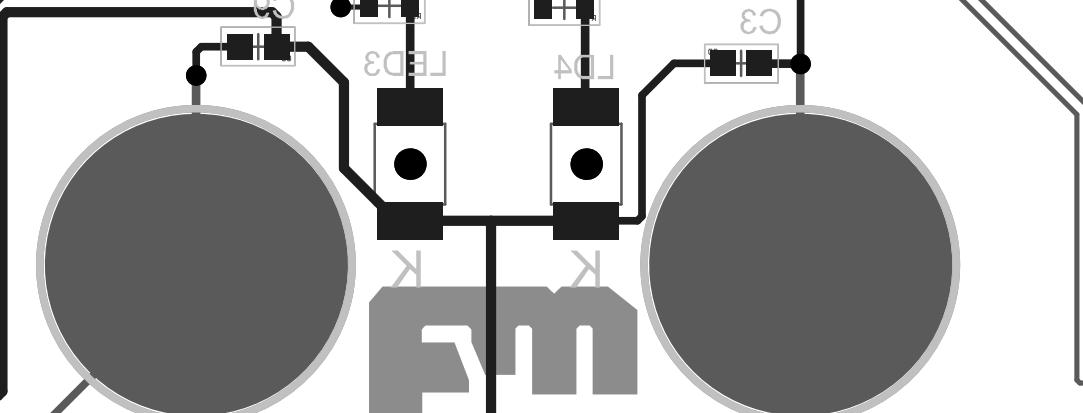
MOTO: PULL-UP INTERNO. ESTARÁ CONECTADO A DGND PERO CONTARÁ CON LA OPCIÓN DE REMOVER LA RESISTENCIA.
DEFUAL RESULTANTE: 16s DE MÁXIMA DURACIÓN DE TECLAS ON.
SM: PULL-UP INTERNO MULTI-KEY OFF.

Title		
Size	Number	Revision
A4		
Date: 2/19/2026	Sheet of	
File: D:\FLOWMEET Dropbox\KeypadCapacitive\SchDoc		



FM-320U-BQ U1R1R1

LOTE 2601160



fm

FLOWMEET.COM

DESIGN DANIEL SAGARRA

Designator	Price	Quantity	Manufacturer	Manufacturer Part Number	Vendor	Vendor Part Number	PCBA
C2, C3, C4, C9		4	Yageo	CC0603JRNPO9BN270			
C7		1	Yageo	CC0603KRX7R9BB104			
CN1	0.089	1	JXTCONN	A10FC-S08FCA-H25	LCSC	C42447839	
LD4, LED1, LED2, LED3		4	Vishay	VLRK31R1S2-GS08			
R1, R2, R3, R4		4	Yageo	RC0603FR-072K2L			
R25, R26		2	Yageo	RC0603FR-070RL			
ST1, ST2, ST3, ST4	0.0652	4	Yiyuan	SMTSOM230BTR	LCSC	C5221851	
ST11, ST12, ST13, ST14	0.014	4	XHHD	M2*10+3	LCSC	C193465	Standoff. no PCB footprint. Please source and include in PCBA assemblyMechanical part. Install manually IN ST1, ST2, ST3 and ST4.
U2	0.2692	1	Tontek Design Tech	TTP224C-BSBN	LCSC	C2890350	
W1	0.042	1	JXTCONN	FC-108P-100F3	LCSC	FC-108P-100F3	Off-board cable/wire – no PCB footprint. Please source and include in PCBA assembly