

Button Joystick BOM								
Item #	Reference Designator	Qty	Manufacturer	Mfg Part #	Description / Value	Package/Footprint	Type	Instructions / Notes
1	J1,J4	2	Sullins Connector Solutions	PREC008SAAN-RC	CONN HEADER VERT 8POS 2.54MM	8POS	THRU-HOLE	
2	J2,J3,J5	3	Sullins Connector Solutions	PREC004SAAN-RC	CONN HEADER VERT 4POS 2.54MM	4POS	THRU-HOLE	
3	J6	1	Sullins Connector Solutions	PREC002SAAN-RC	CONN HEADER VERT 2POS 2.54MM	2POS	THRU-HOLE	
4	R1,R2,R3,R4,R5,R6,R7,R8,R9,R10, R11,R12	12	Panasonic	ERJ-6GEYJ104V	RES SMD 100K OHM 5% 1/8W 0805	0805	SMD	
5	SW1,SW2,SW3,SW4,SW5,SW6, SW7,SW8,SW9,SW10,SW11,SW12	12	C&K	PTS636SK25FSMTR LFS	SWITCH TACTILE SPST-NO 0.05A 12V	6mmx3.5mm	SMD	
6	U1,U2	2	SparkFun	COM-09032	Thumb Joystick	Custom	THRU-HOLE	