

PartNo		RTK0EG0019B01002BJ		Self-capacitance Button/Wheel/Slider Electrode Board			
No	Component Name		Component Specification			Qty/Set	Remarks
	Type	Reference	Product Number (Specification)	Manufacture	Mount/Unmount		
1	PCB		RTK0EG0019B01002BJ Rev1.1	TSK Ink.	Mount	1	
2	Level Converter	U1, U2, U3	74LVCH1T45GW	Nexperia	Unmount	0	
3	OPAmP	U4	ISL28114FHZ	Renesas	Unmount	0	
4	Transister NPN	Q5, Q6, Q7, Q8	DTC114EKA	ROHM	Mount	4	
5	Transister PNP	Q1, Q2, Q3, Q4	DTA114EKA	ROHM	Mount	4	
6	LED (Green)	LED1, LED2, LED3, LED4, LED5, LED6, LED7, LED8, LED9, LED10, LED11, LED12, LED13, LED14, LED15, LED16	SML-812MTT86	ROHM	Mount	16	
7	Chip Resistor (0Ω)	R17, R18, R19	MCR03EZPJ000	ROHM	Mount	3	
8	Chip Resistor (560Ω, 5%)	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16	MCR03EZPJ561	ROHM	Mount	16	
9	Pin Header 16P L-angle	CN1	PSR-420256-08	HIROSUGI	Mount	1	
10	Pin Header 40P L-angle	CN2	PSR-420256-20	HIROSUGI	Mount	1	
11	Through Hole	TP_W_Shield, TP_S_Shield, TP_B_Shield	TH		Unmount	0	
12	GRM188 Pad	C1	1608Pad	—	Unmount	0	
13	Electrode Pad	TS_W1, TS_W2, TS_W3, TS_W4, TS_S1, TS_S2, TS_S3, TS_S4, TS_S5, TS_B1, TS_B2, TS_B3, TS_W_Shield, TS_S_Shield, TS_B_Shield	Self_10	—	Unmount	0	
14	Acrylic Panel		2mm thickness 110mm x 101mm	HOUSHIN	Mount	1	
15	Rivet		SR-4050W	Essentra Components	Mount	4	
16	Rubber Bumper		TM-180-303	TOCHIGIYA	Mount	4	