

## DigiKit\_Tennis\_BOM

Reference	Qty	Description	Footprint	Datasheet
C1,C4	2	2nF	Capacitor_THT:C_Disc_D5.1mm_W3.2mm_P5.00mm	
C2,C3	2	33uF	Capacitor_THT:CP_Radial_D5.0mm_P2.00mm	
C5,C6,C7,C8,C9,C10	6	0.1uF	Capacitor_THT:C_Disc_D5.1mm_W3.2mm_P5.00mm	
D1,D10	2	Green	LED_THT:LED_D5.0mm	
D2,D3,D4,D5,D6,D7,D8,D9	8	Red	LED_THT:LED_D5.0mm	
J1	1	Barrel_Jack_Switch	Connector_BarrelJack:BarrelJack_Horizontal	
R1,R2,RN1	2	150	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	
RN1	1	150	8 Resistors; 9 pins	
R3,R4	2	1k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	
R5	1	4.7k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	
SW1	1	Player A	RetroStackLibrary:SW_SPST_Push	
SW2	1	Reset A	RetroStackLibrary:SW_SPST_Push	
SW3	1	Serve	RetroStackLibrary:SW_DPDT_Slide_RightAngle	
SW4	1	Speed	RetroStackLibrary:SW_SPDT_Toggle	
SW5	1	Reset B	RetroStackLibrary:SW_SPST_Push	
SW6	1	Player B	RetroStackLibrary:SW_SPST_Push	
U1,U3,U4	3	74LS00	Package_DIP:DIP-14_W7.62mm	<a href="http://www.ti.com/lit/gpn/sn74ls00">http://www.ti.com/lit/gpn/sn74ls00</a>
U2	1	74LS10	Package_DIP:DIP-14_W7.62mm	<a href="http://www.ti.com/lit/gpn/sn74ls10">http://www.ti.com/lit/gpn/sn74ls10</a>
U5,U6	2	74LS194	Package_DIP:DIP-16_W7.62mm	<a href="http://www.ti.com/lit/gpn/sn74ls194">http://www.ti.com/lit/gpn/sn74ls194</a>