

SRAM Board evolved – Bill of Materials

There is a through-hole and an SMD option for each component. You can mix and match. The table below lists the codes for ordering from Reichelt.

Reference	Part	Quantity	Reichelt# (THT)	Reichelt# (SMD)
C1	Capacitor 100 μ F	1	TANTAL 100/6,3	X5R-G1206 100/6
D3	Diode 1N4004	1	1N 4004	1N 4004 SMD
J1	Pin Socket (female) 2.54mm	1	MPE 094-1-008	
J2, J3	Pin Header (male) 2.54mm	1	SL 1X36G 2,54	
LED1	LED (red)	1	LED 3MM RT	KBT KP-3216EC
Q1	NPN Transistor	1	BC 337-25	BC 817-25 SMD
R1, R5	Resistor 1k Ω	2	METALL 1,00K	SMD 1/4W 1,0K
R2, R4	Resistor 10k Ω	2	METALL 10,0K	SMD 1/4W 10K
R3	Resistor 470 Ω	1	METALL 470	SMD 1/4W 470
U1	SRAM IC 23LC1024	1	see Guide Book	
	Socket	1	GS 8P	–