

S100 Prototype Board (Buffered model)

BOM CAPTURED with active and in stock (as of Feb 23rd, 2017) components at Digikey.com (except when noted otherwise)

by Suavek® <http://www.eskwadrat.com>

Supplier search order: 1. Digiey 4. Mouser  
2. Jameco 5. eBay  
3. Newark 6. others

Digikey cost ea.	p/n at Digikey	Ref	Value	BOM_Qty	OrderQty	Part_No	Each	Src	Footprint	Info
\$0.700	TAP334K035SRW	C1,C5	0.33uF/25V TANT	2						
\$0.780	TAP225K035SRW	C2	2.2uF/25V TANT	1						
\$0.630	TAP104K035SCS	C3,C6	0.1uF/16V TANT	2						
\$0.730	TAP105K035CRW	C4	1uF/25V TANT	1						
\$0.112	399-9877-1-ND	C7,C8,C9,C10,C11,C12,C13, C14,C15,C16	0.1uF/50V CER	10						
\$0.145	PRPC002SAAN-RC	JP1-JP11	CON_2X1	11						
\$0.180	PRPC003SAAN-RC	K1,K2,K3,K10,K12,K13,K14	CON_3x1	7						
\$0.430	PRPC005DAAN-RC	P23-P33, P40-P49	CON_5X2	21						
\$0.235	PRPC008SAAN-RC	P53-P55, P50-P52	CON_8X1	6						or 2pc CON_8X3
\$0.590	PRPC010DAAN-RC	P63/P66, P64/P65, P62/P67	CON_10X2	6						
\$0.200	PRPC004SAAN-RC	P68,P69,P70	CON_4X1	3						
\$0.620	LM7805CT	U1	LM7805	1						
\$0.210	507302B00000G	U1 ACCESSORY	HEATSINK TO220	1						
\$1.150	SN74ALS245AN	U103,U101,U109,U107,U104, U102,U108,U105	74LS245	8						
\$1.150	SN74ALS244CN	U106	74LS244	1						
\$2.360	SN74LS682N	U110	74LS682	1						
\$0.640	LM7812CT	U2	LM7812	1						
\$0.210	507302B00000G	U2 ACCESSORY	HEATSINK TO220	1						
\$0.570	LM7912CT	U3	LM7912	1						
\$0.210	507302B00000G	U3 ACCESSORY	HEATSINK TO220	1						
\$0.819	SA203000	DIP20	DIP socket 20	10						
\$0.370	749-CP-06-WE (Mouser)	Card Ejector	Circuit Board Card Ejector, 0.062 inch, Nylon, White, BIVAR PN# CP-06 WE	2						