







karabas-nano-revC

Reference	Q-t	Value	Footprint
C10 C11 C12 C13 C28 C29	6	10uF	0805
C14	1	10uF	Tantalum B
C15 C33	2	10nF	0805
C17	1	3n3	0805
C30 C31	2	1nF	0805
C16 C18 C19 C20 C21 C22 C23 C24 C25 C26 C27 C32 C5 C6 C7	15	100nF	0805
C8	1	10p	0805
C9	1	220uF	Tantalum D
D1 D2 D3 D4 D5 D6 D7 D8 D9	9	1N4148W	SOD-123
D10 D11 D12	3	RED/GREEN/YELLOW	0805
J1	1	DC 5V	5x2.1mm jack
J10	1	PWR	1x02
J11	1	AVR ISP	2x03
J2	1	TAPE IN/OUT	TRRS SMD
J3	1	A/V	TRRS SMD
J4	1	BUS	1x16
J5	1	KEYBOARD	2x10
J6	1	BUS	2x20
J7	1	JTAG	2x05
J8	1	KEYBOARD	2x08
J9	1	RGB	1x06
Q1	1	BC846B	SOT-23-3
R10 R13 R22 R7	4	510	0805
R16 R17 R18 R19	4	75	0805
R20	1	2k2	0805
R1 R2 R3 R21 R23 R24 R26 R27 R28 R29 R30 R33 R37 R38	14	10k	0805
R25	1	33k	0805
R31	1	4,7M	0805
R32	1	47k	0805
R34 R35 R36	3	470	0805
R11 R14 R8	3	1k	0805
R12 R15 R9	3	2k	0805
RN1 RN2 RN3 RN4 RN5	5	10k	4x0612
SW1 — SW42	42	5.2mm switch	SMD 5.2MM
U1	1	Z84C0010AEG	QFP-44
U13	1	LM1117-3.3	SOT-223
U2	1	27C512	PLCC-32 SMD
U3	1	BS62LV1600	TSOP-II-44
U4	1	ATmega8A-AU	TQFP-32
U6	1	EPM3256ATC144	LQFP-144
U7	1	MicroSD	GCT-MEM2055-00-190-01-A
U9	1	AD724	SOIC-16W
Y1	1	28MHz	0705
Y2	1	XMHz	0705
Y3	1	4.43MHz	HC49US
Y4	1	20MHz	HC49US