





karabas-pro-revC

Ref	Q-tv	Value	Footprint
BT1,		3V	CR2032 Battery holder
,			ortzooz Battory Holdor
C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23,			
C24, C25, C26, C27, C28, C29, C30,			
C31, C32, C33, C34, C35, C36, C37,			
C38, C39, C40, C41, C42, C43, C44,			
C46, C47,	37	100n	C0805
C1, C2	2	10uF	C0805
C3,	1	1uF	C0805
C4, C5,	2	22p	C0805
C6, C7, C8, C9,		10uF	Tantalum D
C45,		470uF	CP D12.5mm P7.50mm
CON1,		CF-CARD	TE 1734451-1
CON2,		SD	SD TE 2041021
CON3,		VGA	DSUB-15-HD Female
CON4,		Joystick	DSUB-9 Male
CON5,		Keyboard	MDIN06SS
CON6,		Mouse	MDIN06SS
CON7,		Audio	Jack 3.5mm CUI SJ1-3535NG
CON8,		5V DC	BarrelJack Wuerth 6941xx301002
CON9,		Micro-SD	Molex MicroSD (mirrored)
D1,		LED1	L0805
D2,		LED2	L0805
D3		BAT54C	SOT-23
J1,		Floppy	IDC-Header 2x17
		FPGA JTAG	_
J2, J3,			IDC-Header_2x05, angled PinHeader 1x04
	<u> </u>	Floppy 5V uBus	PinHeader 2x04
J4, J5,		AVR JTAG	IDC-Header_2x03, angled
J6,		AVR JIAG AVR UART	PinHeader 1x04
R1, R2, R3,		2k4	R0805
R1, R2, R3, R4,		27	R0805
R4,	I	21	R0005
R5, R9, R30, R31, R32, R33, R34, R35,			
R36, R37, R38, R39, R40, R41, R42,			
R43, R44, R45, R46, R47, R48, R49,	0.5	401-	Door
R50, R51, R52,		10k	R0805
R6, R11, R14, R17,		1k	R0805
R7, R8, R21, R22, R23, R24,		4k7	R0805
R10, R13, R16,		1k8 (2k)	R0805
R12, R15, R18, R28, R29,		'470 (510)	R0805
R19, R20,		75	R0805
R25,		820	R0805
R26, R27,		750	R0805
SW1, SW2,		SW_Push	SPST_Angled_PTS645Vx58-2LFS
SW3	-	SW_DIP_x04	SPSTx04_Piano_CTS_Series
U1,		EP4CE6E22C8N	QFP-144
U2,		` ,	TSOP-I-48_18.4x12mm_P0.5mm
U3,	-	EPCS16 M25P16	SOIC-8_5.23x5.23mm_P1.27mm
U4,		EPM3128ATC100	LQFP-100_14x14mm_P0.5mm
U5,		ATMEGA328-AU	TQFP-32_7x7mm_P0.8mm
U6,		MB8877A	DIP-40_W15.24mm
U7, U8,	2	TXB0104PW	TSSOP-14_4.4x5mm_P0.65mm

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U9,	1	DS1307Z+	SOIC-8_3.9x4.9mm_P1.27mm
U10,	1	ESP-12E	ESP-12E
U11,	1	TDA1543	DIP-8_W7.62mm
U12,	1	AMS1117-3.3	SOT-223-3
U13,	1	AMS1117-2.5	SOT-223-3
U14,	1	AMS1117-1.2	SOT-223-3
U17,	1	74LS06	DIP-14_W7.62mm
U18,	1	74LS38	DIP-14_W7.62mm
X1,	1	50MHz	SG8002CA-4Pin_7.0x5.0mm
Y1,	1	32768Hz	AT310_D3.0mm_L10.0mm
Y2,	1	16MHz	HC49-S