Parts **Minimig Rev1.1 (Edit.a1k) incl. Fixes** 13.02.2013

Count	ComponentName Value	RefDesignator	Comments
2	RES_0805/1%, **33R**	R50, R51,	new
3	RES_0805/1%, **68R**	R49, R52, R53,	new
9	RES_0805/1%, **100R**	R12, R14, R35, R36, R37, R38, R39, R40, R42,	
2	RES_0805/1%, **180R**	R25, R26,	
25	RES_0805/1%, **270R**	R2, R3, R13, R18, R27, R29, R30, R31, R32, R33, R34, R41, R43, R44, R45, R46, R47, R48, R56, R57, R58, R60, R61, R62, R66,	
7	RES_0805/1%, **560R**	R4, R5, R6, R8, R10, R16, R17,	
4	RES_0805/1%, **1K**	R1, R19, R21, R23,	
7	RES_0805/1%, **2K2**	R7, R9, R11, R28, R54, R67, R68,	
7	RES_0805/1%, **4K7**	R20, R22, R24, R59, R63, R64, R65,	
1	RES_0805/1%, **1meg**	R55,	
1	C_0805, 50V, NPO, **22pF**	C47,	
2	C_0805, 50V, NPO, **47pF**	C49, C51,	not needed
1	C_0805, 50V, NPO, **100pF**	C48,	
22	C_0805, 50V, X7R, **10nF**	C5, C6, C7, C8, C16, C18, C19, C21, C22, C25, C28, C29, C30, C35, C36, C39, C40, C43, C44, C46, C52, C55,	
21	C_0805, 50V, X7R, **100nF**	C3, C10, C11, C12, C13, C20, C23, C24, C26, C31, C32, C33, C34, C38, C41, C42, C45, C50, C53, C54, C56,	
4	CT_**100uF**/6.3V Bauform **B**	C4, C17, C27, C37,	
1	CE_DIA7.0MM/RA **22uF**/16V/RM2.5	C14,	
4	CE_DIA7.0MM/RA **100uF**/16V/RM2.5	C1, C2, C9, C15,	
1	LED_0805 BLUE	D1,	
1	LED_0805 GREEN	D7,	
1	LED_0805 RED	D8,	
1	XTAL_THT 4.433619MHz (HC49)	X1,	
1	XTAL_THT 20.000MHz (HC49)	X2,	not needed
5	BAV99,215	D2, D3, D4, D5, D6,	
3	LD1117STR (ADJ SOT-223)	IC1, IC3, IC4,	
1	74HC4060 (SO-16 narrow)	IC8,	
1	SP3232EUCN (SOIC16-narrow)	IC2,	
1	XC3S400-4PQ208	IC5,	
2	IS62WV51216BLL-55TLI	IC6, IC7,	4 = 4MB
1	MC68SEC000FU20	IC9,	
~~**0**~~	~~PIC18LF252I/SP~~	~~IC10,~~	not needed
1	3.5MM_Audio_CON Lumberg KLBR4	J1,	
1	DC_CON (Pin 2mm)	J2,	
2	PS2_CON (green+vio)	J5, J8,	
3	DSUBH_9M (EU)	J3, J6, J10,	
1	DSUBH_15F_HD	J4,	
1	SD_CARD	J11,	
2	Push button (Micro-Taster)	SCHK1, SCHK2,	
1	Socket (PIC), 28pol, Präzision, RM7.5		
1	HEADER6MSIL 1x6 RM=2.54	J7,	
1	HEADER10M (2x5 RM2.54)	J9,	
2	JUMPER3 (Header 1x3)	_1, _2,	
2	JUMPER		
155	**Summe**		

	Änderungen bereits oben eingepflegt !!		
	Fix: ARM Board - Fast SPI		
2	RES_0805/1%, **33R**	R50, R51,	change
3	RES_0805/1%, **68R**	R49, R52, R53,	change
-1	Soundfix Widerstand **1k** entfernen	R15,	n.c.

	bei installiertem ARM-Board kann weg:
	I10, X2, C49, C51,

	Zusätzlich	
1	Buzzer	
1	Zuleitung	
1	Schrumpfschlauch	
1	**47R** Draht fuer Buzzer	wahlweise oder garnicht
1	**100R** Draht fuer Buzzer	wahlweise oder garnicht
5	Summe	

Minimig ARM Controller 1.0

Quantity	Value	Designator
2	0603 **27R** (0.1W, 1%)	R2, R3,
2	0603 **1K5** (0.1W, 1%)	R1, R7,
1	0603 **10K** (0.1W, 1%)	R6,
1	0603 **100K** (0.1W, 1%)	R5,
1	0603 **1M** (0.1W, 1%)	R4,
2	0603 **10pF** (50V 5% NPO)	C9, C18,
2	0603 **15pF** (50V 5% NPO)	C11, C12,
1	0603 **33pF** (50V 5% C0G)	C10,
4	0603 **1nF** (50V 5% X7R)	C1, C5, C8, C13,
1	0603 **10nF** (50V 5% X7R)	C2,
5	0603 **100nF** (16V 10% X7R)	C3, C14, C15, C16, C17,
2	0603 **1uF** (16V 10% X7R)	C6, C7,
1	SMD-B **10uF** 10% 10V Tantalum	C4,
1	BC807-25 (NXP)	Q1,
1	AT91SAM7S256-AU-001 (Atmel)	U1,
1	HC49/SM 18.432 MHz SMD	X1,
1	USB mini-B 5-pin SMD	CN1,
2	14-pin (2x7narrow) IC-Steck-Adapter	U2,
1	2fach IC-DIP-Switch	
32	**Summe**	

192	**Teile**	**total**

NewAmigaUser-FAQ mit Fixes
http://www.a1k.org/forum/showthread.php?t=30671

NewAmigaUser: Minimig und ARM Controller Zusammenbau
http://www.a1k.org/forum/showthread.php?t=35526