

Minimig ARM Controller 1.0 BOM				
Value	Designator	Parameters	Manufacturer	Quantity
27R	R2, R3	0603 27R 0.1W 1%		2
1K5	R1, R7	0603 1K5 0.1W 1%		2
10K	R6	0603 10K 0.1W 1%		1
100K	R5	0603 100K 0.1W 1%		1
1M	R4	0603 1M 0.1W 5%		1
10p	C9, C18	0603 10pF 50V 5% C0G		2
15p	C11, C12	0603 15pF 50V 5% C0G		2
33p	C10	0603 33pF 50V 5% C0G		1
1n	C1, C5, C8, C13	0603 1nF 50V 5% C0G		4
10n	C2	0603 10nF 50V 10% X7R		1
100n	C3, C14, C15, C16, C17	0603 100nF 16V 10% X7R		5
1u	C6, C7	0603 1uF 6.3V 10% X7R		2
10u/16V	C4	SMD-B 10uF 10% 16V Tantalum		1
BC807-25	Q1	BC807-25	NXP	1
AT91SAM7S256-AU-001	U1	AT91SAM7S256-AU-001	Atmel	1
18.432MHz	X1	HC49/SM 18.432 MHz		1
USB	CN1	USB mini-B 5-pin SMD		1
28-pin header	U2	2 x 14-Pin Gold SIL Connector	preci-dip	1