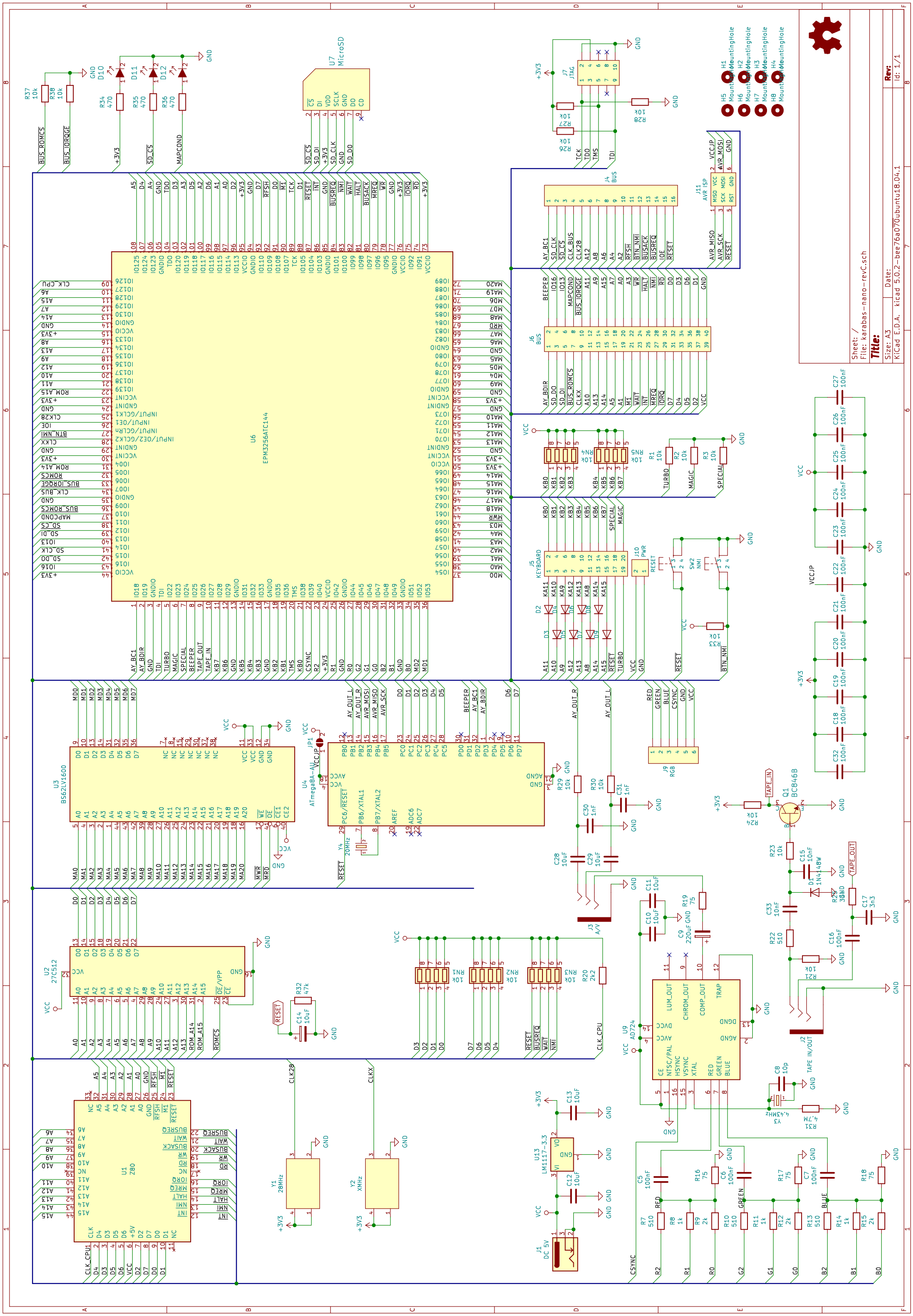
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Rev:
KiCad E.D.A. kicad 5.0.2-bee76a0~70ubuntu18.04.1
Id: 1/1
U6
EPM3256ATC144
U7
MicroSD
U1
Z80
U2
27C512
U3
BS62LV1600
U4
ATmega8A-AU
U5
AY-3-8910
U9
AD724
U13
LM1117-3.3
J1
DC 5V
J2
TAPE IN/OUT
J3
A/V
J4
BUS
J5
KEYBOARD
J6
BUS
J7
JTAG
J9
RGB
J10
PWR
J11
AVR ISP
SW2
NMI
Y1
28MHz
Y2
XMHz
Y3
4.43MHz
Q1
BC846B
D1
1N4148W
H1
MountingHole
H2
MountingHole
H3
MountingHole
H4
MountingHole
H5
MountingHole
H6
MountingHole
H7
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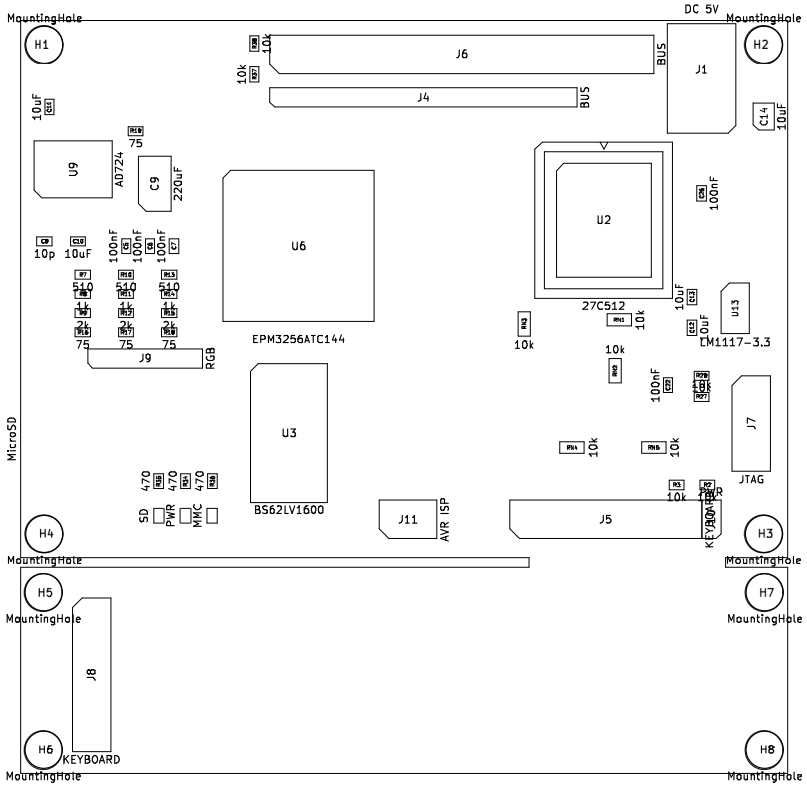
MountingHole



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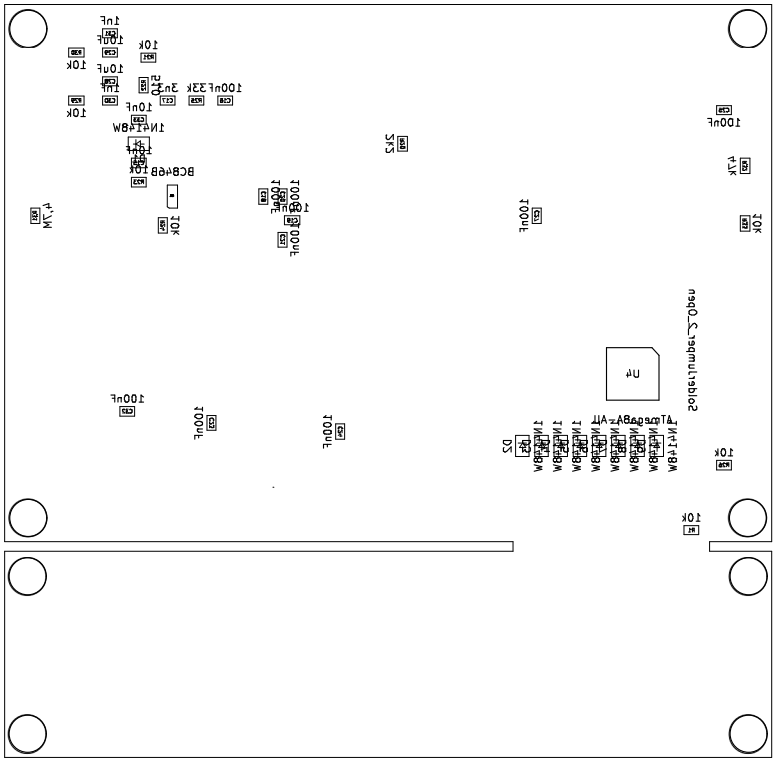
KiCad E.D.A. kicad 5.0.2-bee76a070ubuntu18.04.1		Id: 1/3



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Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad 5.0.2-bee76a070ubuntu18.04.1		Id: 1/3

Reference	Q-ty	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