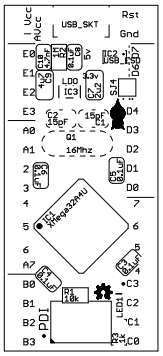
Vcc
AVcc
USB_SKT
Rst
Gnd
E0
E1
E2
E3
A0
A1
2
3
4
5
6
A7
B0
B1
B2
B3
D7
D6
D5
D4
D3
D2
D1
D0
7
6
5
4
C3
C2
C1
C0
SJ4
SJ3
SJ2
SJ1
IC2
USB_Buf
5v
IC3
LDO
3.3v
C2
18pF
C4
15pF
Q1
16Mhz
IC1
XMega32A4U
C5
0.1uF
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C7
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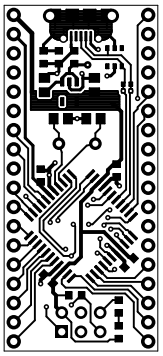
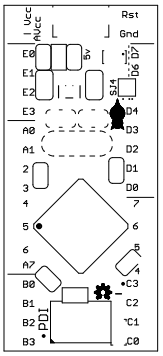
C8
0.1uF
R1
10k
LED1
R2
470
PDI




Vcc
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A1
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B1
B2
B3
D7
D6
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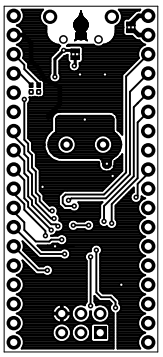
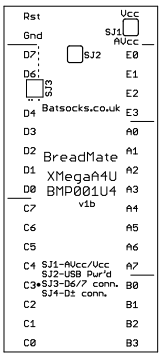
4
C3
C2
C1
C0
SJ4
5v
PDI




Rst
Gnd
D7
D6
D4
D3
D2
D1
D0
C7
C6
C5
C4
C3
C2
C1
C0
Vcc
SJ1
AVcc
SJ2
SJ3
E0
E1
E2
E3
A0
A1
A2
A3
A4
A5
A6
A7
B0
B1
B2
B3
Batsocks.co.uk
BreadMate
XMegaA4U
BMP001U4
v1b
SJ1-AVcc/Vcc
SJ2-USB Pwr'd
SJ3-D6/7 conn.
SJ4-D± conn.