

Contains small parts. Not suitable for young children. Designed for hobby use. Not suitable for commercial, industrial or safety-critical use.

U1 - 512k byte Flash
SST39SF040

U2 - 512k byte Flash
SST39SF040

U3 - 512k byte RAM
AS6C4008

U5 - Z180 CPU
Z8S18020 or
Z8S18033

U4
74AHCT139

U9
74HCT138

U10
74HCT138

U11
74HCT125

U8
1302

U6
74HCT273

U7
74HCT273

X1
18.432MHz

X2
32.768kHz
6pF

U12
DS1233

Integrated Circuits in conductive foam

32-pin

68-pin

8-pin

14-pin

16-pin

20-pin

IC
Sockets

C1 to C14
100 nF

R1 to R6, 2k2

R7 to R9, 100k

R10, 4k7

R11 to R19, 470R

R20 to R22, 10k

Jumper
shunts

B1 - Battery
holder (CR2032)

RP1 - 8 x 10k

JP5 - Header 2x2

SW1 - Toggle

SW2 - Button

J1 - 2.1 mm
barrel socket

J2 - Screw
terminal

S1
2 row
x 40 pin
female
angled

S2 and S3
2 row
x 40 pin
female
straight

1 row
x 40 pin
male
angled

1 row
x 40 pin
male
straight

or pairs of
1 row
x 40 pin
female
straight

JP1 to JP4
P1 to P16

Assembly
options

C15
100 μ F

C16
1 nF

1 row x 6
female
angled

1 row x 6
female
straight

LED1
Yellow

LED2 to 9
Green LED

Adhesive
feet [x6]

14

1

1

2

2

2

6

1

3

1

1

1

9

3

1

1

1

1

5

5

1

1

1

1

8

1

IMPORTANT

There are a number of options which
you need to consider before assembly
See instructions at www.scc.me.uk

Welcome to your SC126, Z180 Motherboard Kit

Assembly instructions, user guide, and other documentation
can be found at www.scc.me.uk (Small Computer Central)

PCB
SC126
v1.0



TITLE:

SC126 - Kit Contents

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Company: www.scc.me.uk

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