

Jaluno Bee v2.1
(PIC18F27J53 + SD-Card)

Part	Value	Component
IC2	AMS1117	
D2	SS12	
D3	M1	
F1	250mA resettable	
C7	22uF	
C11	10uF	
C12	1uF	
C4	220nF	
C3, C5, C6,C13	100nF	
C1, C2	15pF	
C9, C10	12pF	
LED1	Red	
LED2	Green	
LED4	Orange	
R1, R11, R13, R14, R19	12K	
R15, R16	4K7	
R6	1K	
R2, R5, R20	100	
S1	Switch	

Part	Value
JP6, JP7	1x3 jumper
Shunt Jumper x 2	Jumper selection
ICSP	1x6 right angled pin header for ICSP
SERIAL	1x6 right angled pin header for serial
X1	USB-MINIB-5PIN
IC1	PIC18F27J53
JPXB1 x 2	XBee socket
Q1	16MHz
Q2	32KHz
X2	MICROSD
PCB	Bee v2.0 PCB