

Breadboard Frequency Counter

Bill of Materials

Part ID	Part Description
U2	PIC16F1619
Q1-Q3	BSS138 SOT23
D4	BAS40-04 SOT23
U1	0.28" LED 7 SEG 3 DIGIT CC
J1	Pin Header, RT Angle, 9 pin
C5, C6	22 pF 50V 0805
C2	.01 uF 25V 0805
C3	0.1 uF 25V 0805
C4	1 uF 25V 0805
C1	10 uF 10V 0805
R5	100 Ohm 0805
R2	500 Ohm 0805
R1, R3	1K 0805
R7-R14	1K 0805
R4, R6	1M 0805
Y1	8 MHz Crystal
PCB	PCB J201