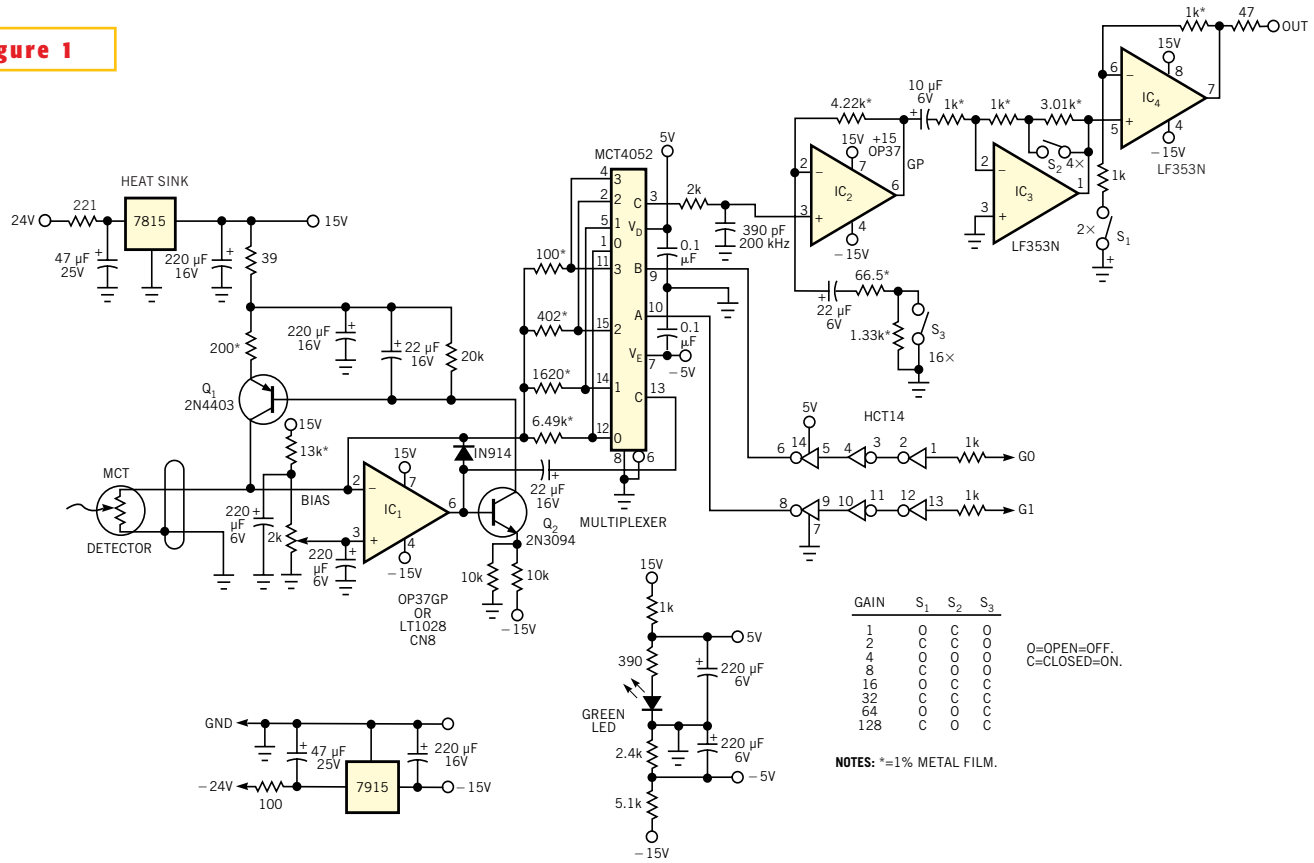
Figure 1



GAIN	S_1	S_2	S_3
1	O	C	O
2	C	C	O
4	O	O	O
8	C	O	O
16	O	C	C
32	C	C	C
64	O	O	C
128	C	O	C

O=OPEN=OFF.
C=CLOSED=ON.

NOTES: *=1% METAL FILM.

In this programmable-gain circuit, the on-resistance of the gain-setting multiplexer plays no role in the determination of gain.