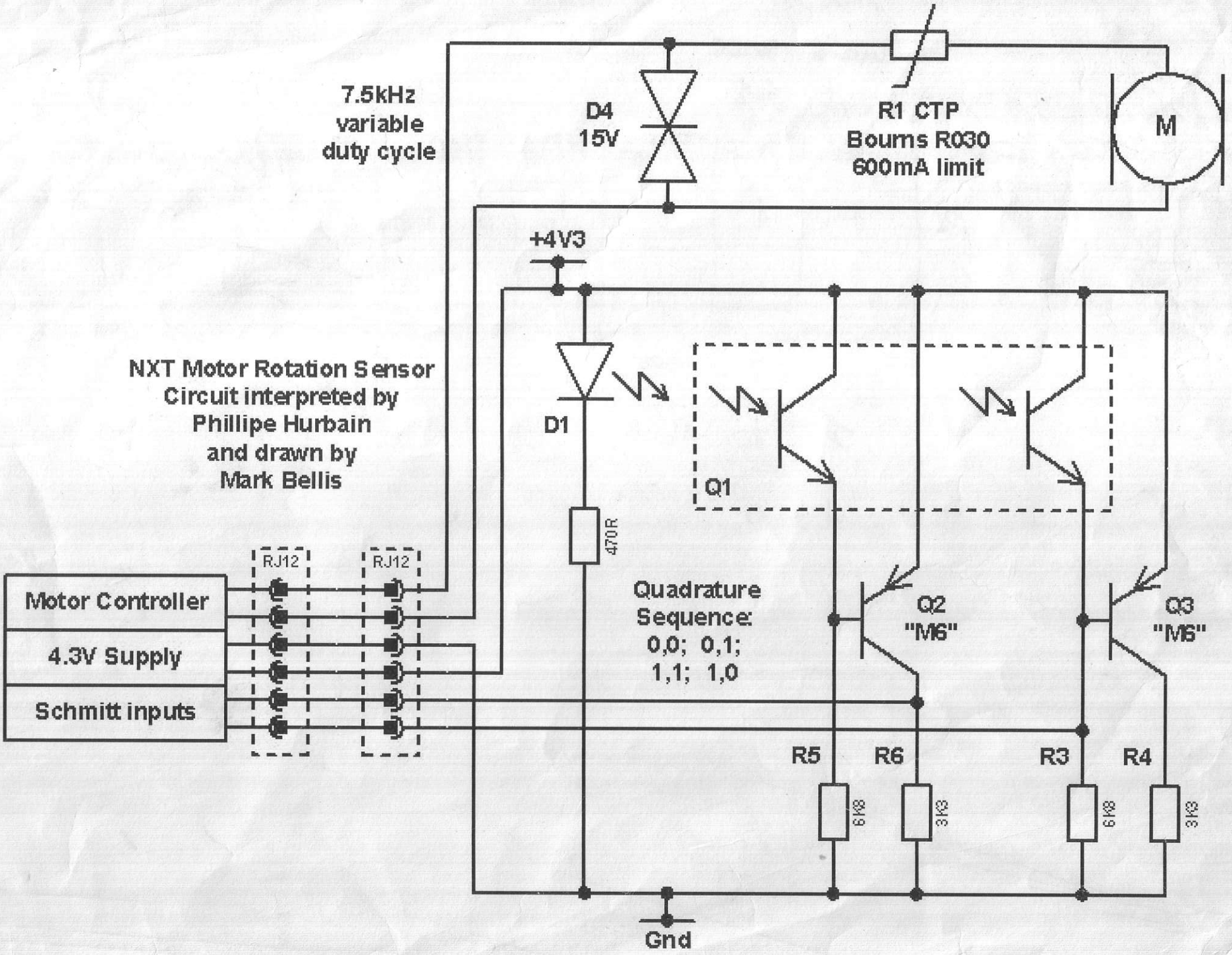
7.5kHz
variable
duty cycle
D4
15V
R1 CTP
Bourns R030
600mA limit
M
+4V3
NXT Motor Rotation Sensor
Circuit interpreted by
Phillipe Hurbain
and drawn by
Mark Bellis
D1
Q1
470R
RJ12
RJ12
Motor Controller
4.3V Supply
Schmitt inputs
Quadrature
Sequence:
0,0; 0,1;
1,1; 1,0
Q2
"M6"
Q3
"M6"
R5
R6
R3
R4
6K8
3K3
6K8
3K3
Gnd