

TIME (SECS)	R2
30	270K
45	390K+18K
60	560K
75	680K
90	820K
115	1M
130	1M2
160	1M5
180	1M5+120K
240	2M2
300	2M7

CELLS	D1
5	3V3
6	4V3
7	4V3
8	5V1
9	6V2
10	7V5
11	8V2
12	9V1
13	10V
14	11V
15	12V

CURRENT (AMPS)	NUMBER OF FETS	
	0.022R	0.01R
10A	2	
15A	3	
20A	4	
25A	4	
30A	5	3
40A	6	4
50A		6

R = OHMS

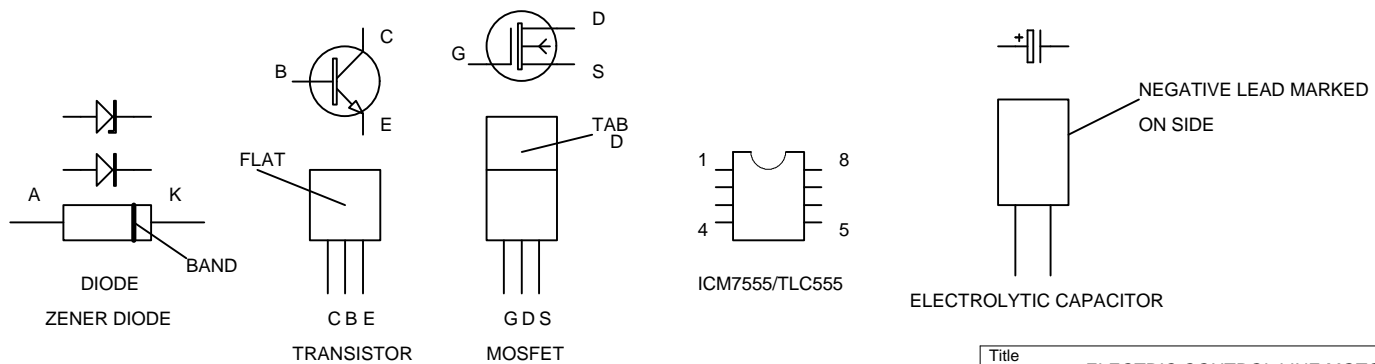
SOME SUGGESTED MOSFETS

0.022R MOSFETS
STP55NE06
IRFZ44N (30A MAX)

0.01R MOSFETS
MTP75N05HD
BUK9518-35
IRL1104

FOR 5 & 6 CELLS, USE IRLZ44N (30A MAX)
OR IRL1104 FOR GREATER THAN 30A

COMPONENT IDENTIFICATION



Title		
ELECTRIC CONTROL LINE MOTOR CONTROLLER		
Size	Number	Revision
A4	144-02-1	
Date:	14-Apr-2003	Sheet of
File:	C:\My Documents\144-02-1.Sch	Drawn By: LBC