

Batería motores
2x18650 protected

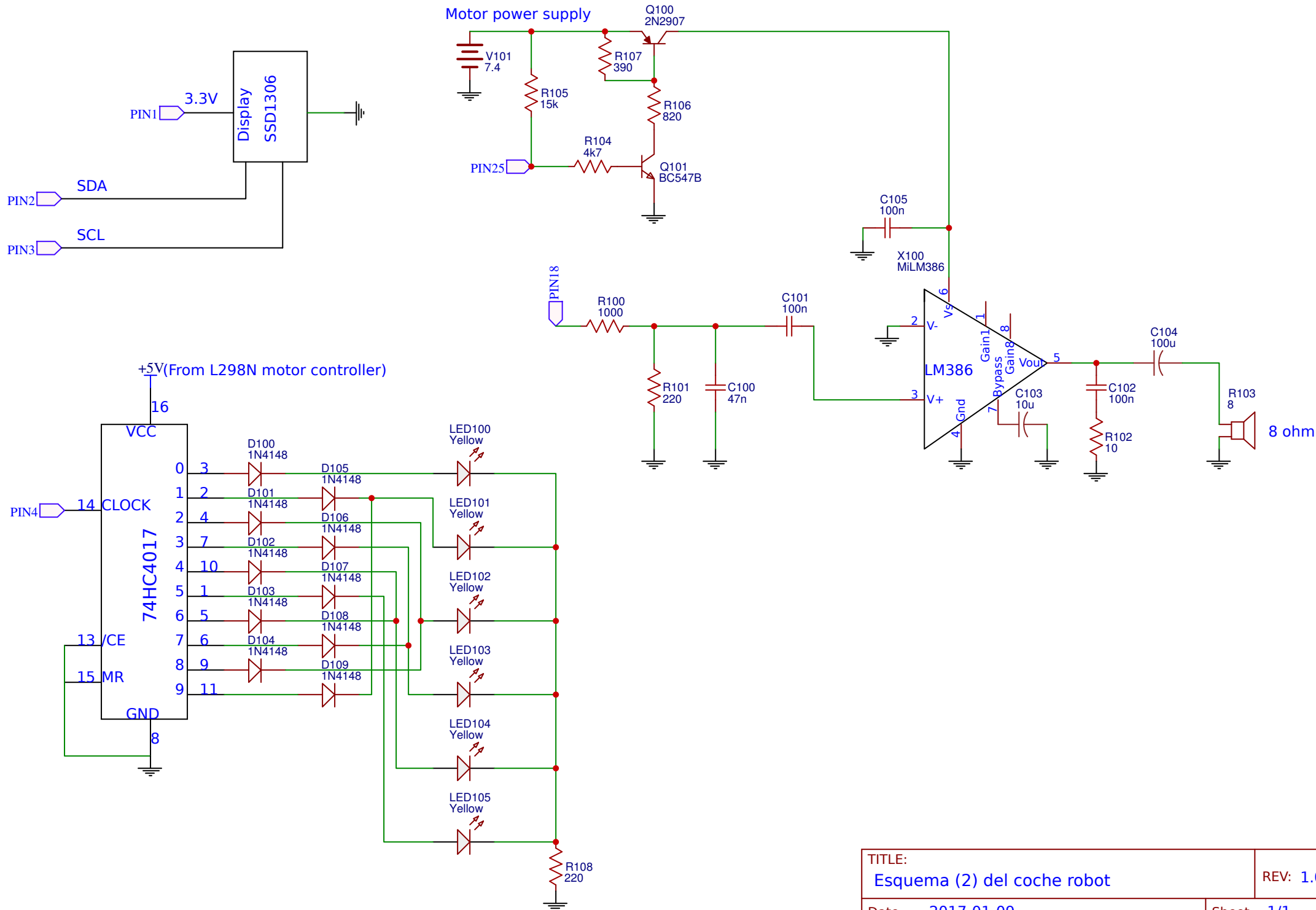
tran 1m 100m

*SRC=BZT52C6V2;DI_BZT52C6V2;Diodes;Zener <=10V; 6.20V 0.500W Diodes Inc.
*SYM=HZEN
*http://www.diodes.com/spicemodels/search.php
.SUBCKT DI_BZT52C6V2 1 2
* Terminals A K
D1 1 2 DF
DZ 3 1 DR
VZ 2 3 5,14
.MODEL DF D (IS=33.2p RS=34.4 N=1.10
+ CJO=79.4p VJ=0.750 M=0.330 TT=50.1n)
.MODEL DR D (IS=6.65f RS=2.30 N=1.49)
.ENDS

*http://ltwiki.org/files/LTspiceIV/Mixed%20Part%20List/Spice-Models-collection/ebipolar.lib
.model BC548B NPN(Is=7.049f Xti=3 Eg=1.11 Vaf=62.79 Bf=374.6 Ise=68f Ne=1.576
+ Ikf=81.57m Xtb=1.5 Br=1 Isc=12.4f Nc=1.835 Ikr=3.924
+ Rc=.9747 Cjc=5.25p Mjc=.3147 Vjc=.5697 Fc=.5 Cje=11.5p
+ Mje=.6715 Vje=.5 Tr=10n Tf=410.2p Itf=1.491 Xtf=40.06 Vtf=10)

*http://ltwiki.org/files/LTspiceIV/Mixed%20Part%20List/Spice-Models-collection/ebipolar.lib
.model BC558B PNP(Is=1.02f Xti=3 Eg=1.11 Vaf=52.31 Bf=306.5 Ise=10.27f
+ Ne=1.764 Ikf=91.85m Xtb=1.5 Br=6.48 Isc=1.472f
+ Nc=1.294 Ikr=.5584 Rc=1.086 Cjc=9.81p Mjc=.332 Vjc=.4865 Fc=.5
+ Cje=30p Mje=.3333 Vje=.5 Tr=10n Tf=611.6p Itf=1.373 Xtf=26.05 Vtf=10)

TITLE: Esquema coche		REV: 1.0
Date: 2016-11-24	Sheet: 1/1	
EasyEDA V3.11.3	Drawn By: Roberto	



TITLE:		REV: 1.0	
Esquema (2) del coche robot			
Date:	2017-01-09	Sheet:	1/1
EasyEDA V3.12.3		Drawn By: MrSpock	