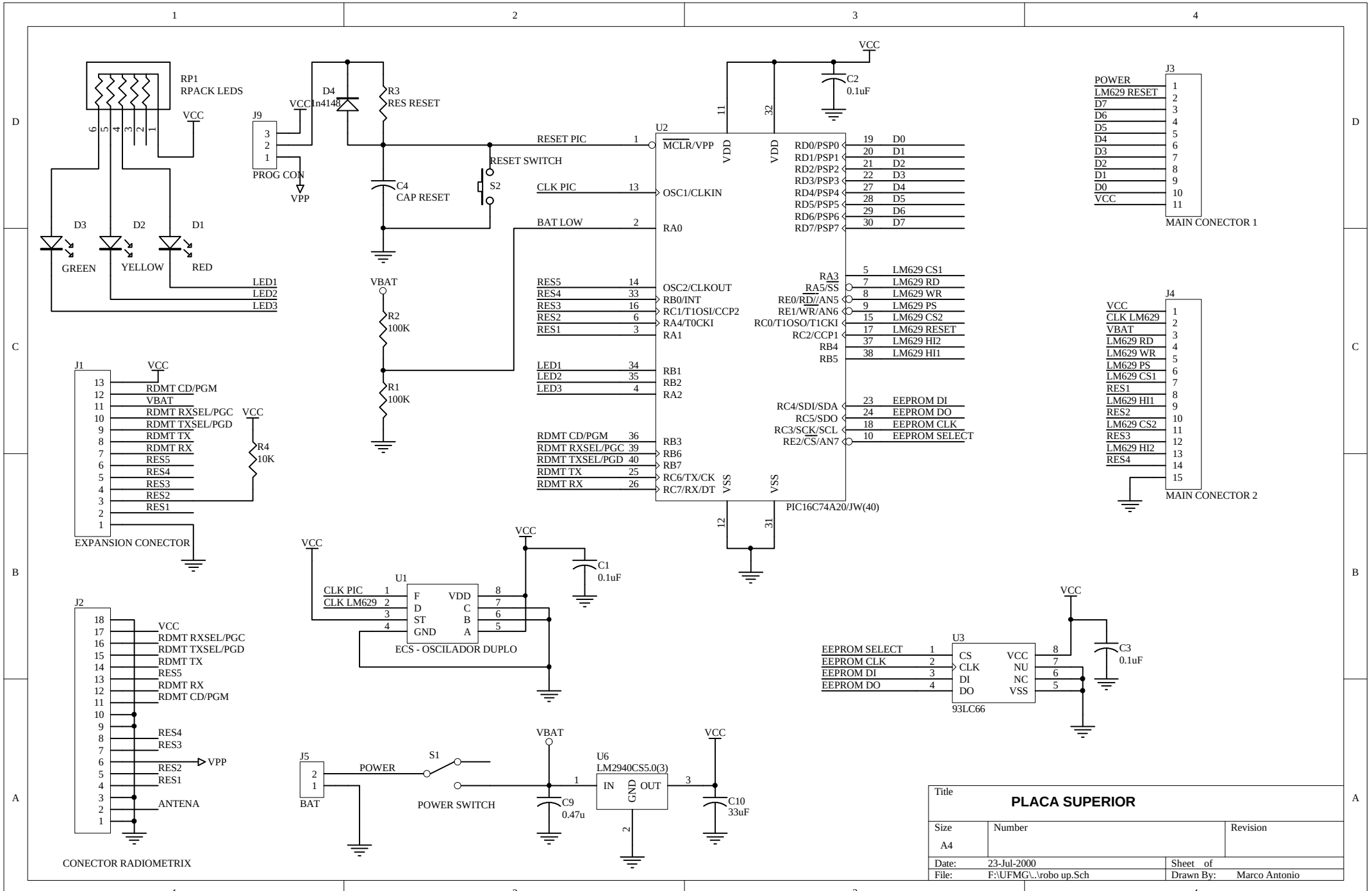
RP1
RPACK LEDS
VCC
D3
D2
D1
GREEN
YELLOW
RED
LED1
LED2
LED3
J9
PROG CON
VPP
D4
1n4148
R3
RES RESET
C4
CAP RESET
RESET SWITCH
S2
VBAT
R2
100K
R1
100K
U2
MCLR/VPP
OSC1/CLKIN
RA0
OSC2/CLKOUT
RB0/INT
RC1/T1OSI/CCP2
RA4/T0CKI
RA1
RB1
RB2
RA2
RB3
RB6
RB7
RC6/TX/CK
RC7/RX/DT
RD0/PSP0
RD1/PSP1
RD2/PSP2
RD3/PSP3
RD4/PSP4
RD5/PSP5
RD6/PSP6
RD7/PSP7
RA3
RA5/SS
RE0/RD//AN5
RE1/WR/AN6
RC0/T1OSO/T1CKI
RC2/CCP1
RB4
RB5
RC4/SDI/SDA
RC5/SDO
RC3/SCK/SCL
RE2/CS/AN7
VDD
VSS
PIC16C74A20/JW(40)
C2
0.1uF
RESET PIC
CLK PIC
BAT LOW
RES5
RES4
RES3
RES2
RES1
LED1
LED2
LED3
RDMT CD/PGM
RDMT RXSEL/PGC
RDMT TXSEL/PGD
RDMT TX
RDMT RX
D0
D1
D2
D3
D4
D5
D6
D7
LM629 CS1
LM629 RD
LM629 WR
LM629 PS
LM629 CS2
LM629 RESET
LM629 HI2
LM629 HI1
EEPROM DI
EEPROM DO
EEPROM CLK
EEPROM SELECT
J3
POWER
LM629 RESET
D7
D6
D5
D4
D3
D2
D1
D0
VCC
MAIN CONECTOR 1
J4
VCC
CLK LM629
VBAT
LM629 RD
LM629 WR
LM629 PS
LM629 CS1
RES1
LM629 HI1
RES2
LM629 CS2
RES3
LM629 HI2
RES4
MAIN CONECTOR 2
J1
RDMT CD/PGM
VBAT
RDMT RXSEL/PGC
RDMT TXSEL/PGD
RDMT TX
RDMT RX
RES5
RES4
RES3
RES2
RES1
R4
10K
EXPANSION CONECTOR
U1
CLK PIC
CLK LM629
F
D
ST
GND
VDD
C
B
A
ECS - OSCILADOR DUPLO
C1
0.1uF
J2
VCC
RDMT RXSEL/PGC
RDMT TXSEL/PGD
RDMT TX
RES5
RDMT RX
RDMT CD/PGM
RES4
RES3
VPP
RES2
RES1
ANTENA
CONECTOR RADIOMETRIX
U3
EEPROM SELECT
EEPROM CLK
EEPROM DI
EEPROM DO
CS
CLK
DI
DO
VCC
NU
NC
VSS
93LC66
C3
0.1uF
J5
POWER
BAT
S1
POWER SWITCH
C9
0.47u
U6
LM2940CS5.0(3)
IN
GND
OUT
C10
33uF
Title
PLACA SUPERIOR
Size
A4
Number
Revision
Date: 23-Jul-2000
Sheet of
File: F:\UFMG\..\robo up.Sch
Drawn By: Marco Antonio