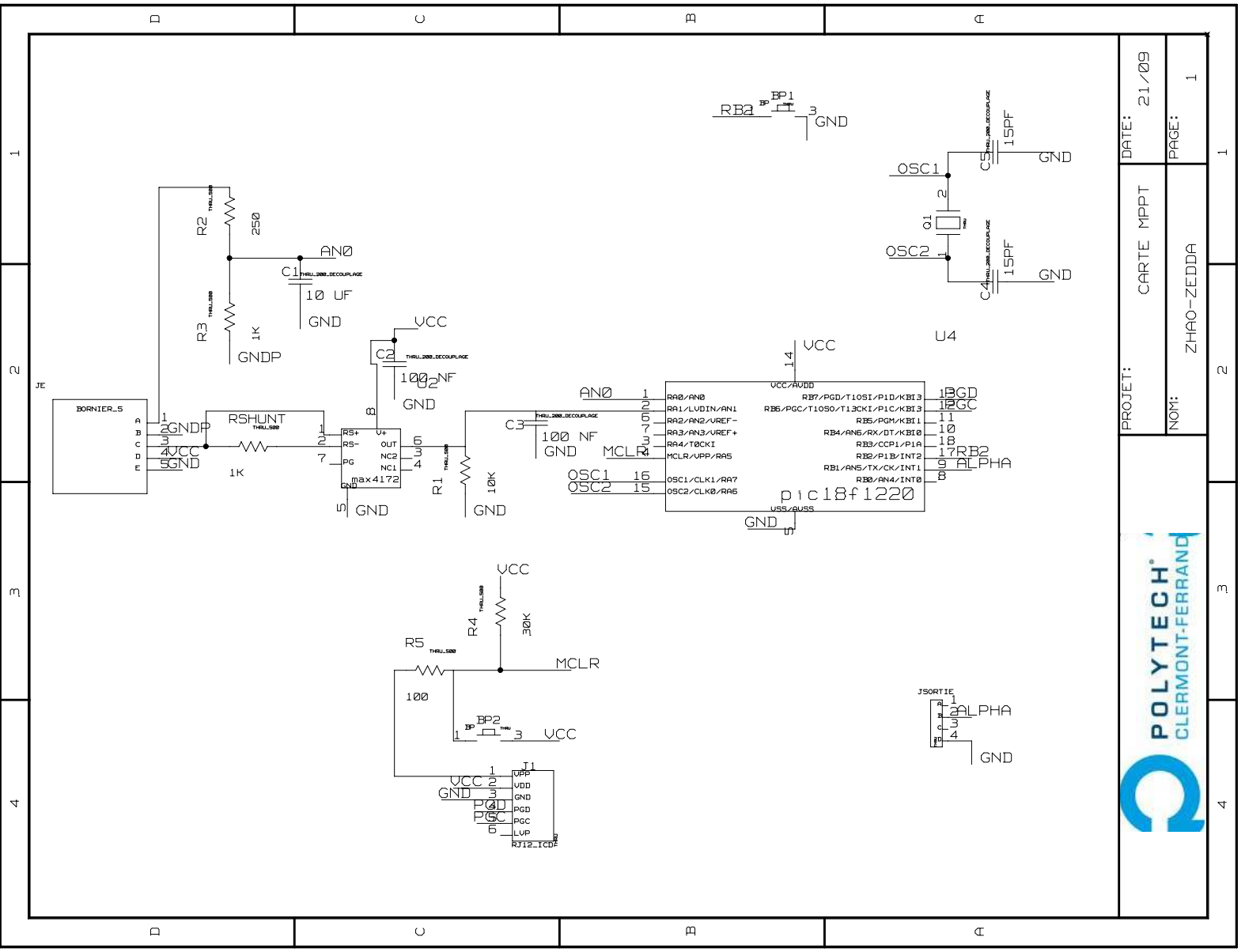
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GNDP
VCC
GND
RSHUNT
1K
R2
250
R3
1K
GNDP
AN0
C1
10 UF
GND
VCC
C2
100 NF
GND
max4172
R5+
R5-
PG
V+
OUT
NC2
NC1
R1
10K
GND
C3
100 NF
GND
MCLR
OSC1
OSC2
pic18f1220
VCC/AVDD
VSS/AVSS
RA0/AN0
RA1/LVDIN/AN1
RA2/AN2/VREF-
RA3/AN3/VREF+
RA4/T0CKI
MCLR/VPP/RA5
OSC1/CLK1/RA7
OSC2/CLK0/RA6
RB7/PGD/T1OSI/P1D/KBI3
RB6/PGC/T1OSO/T13CKI/P1C/KBI3
RB5/PGM/KBI1
RB4/AN6/RX/DT/KBI0
RB3/CCP1/P1A
RB2/P1B/INT2
RB1/AN5/TX/CK/INT1
RB0/AN4/INT0
BGD
BGC
RB2
ALPHA
U4
RB2
BP1
GND
OSC1
OSC2
Q1
C5
15PF
C4
15PF
GND
GND
R4
30K
R5
100
MCLR
BP2
VCC
J1
VPP
VDD
GND
PGD
PGC
LVP
RJ12_ICDP
JSORTIE
ALPHA
GND
DATE: 21/09
PAGE: 1
PROJET: CARTE MPPT
NOM: ZHAO-ZEDDA
POLYTECH
CLERMONT-FERRAND