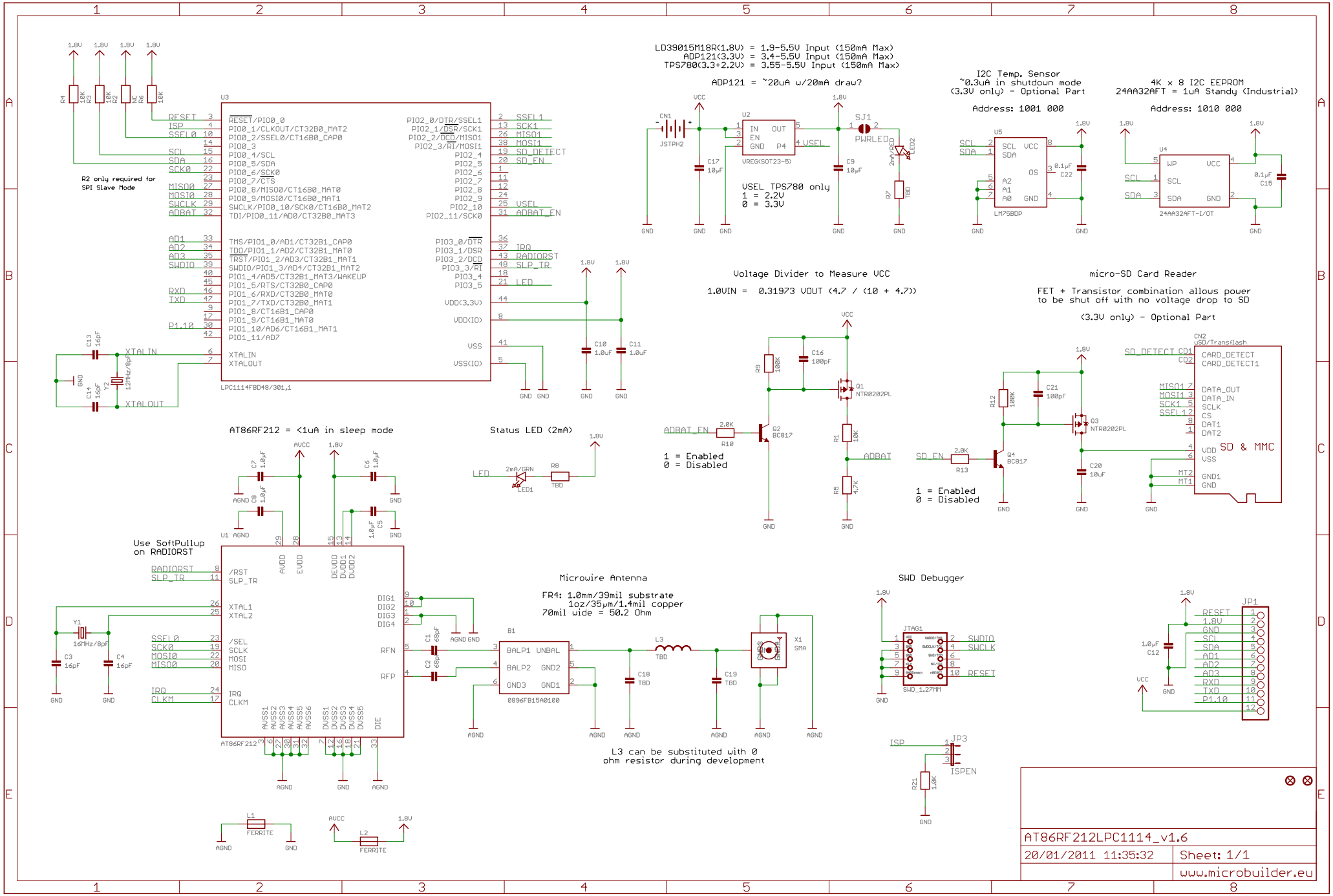
LD39015M18R(1.8V) = 1.9-5.5V Input (150mA Max)
ADP121(3.3V) = 3.4-5.5V Input (150mA Max)
TPS780(3.3+2.2V) = 3.55-5.5V Input (150mA Max)
ADP121 = ~20uA w/20mA draw?
VSEL TPS780 only
1 = 2.2V
0 = 3.3V
I2C Temp. Sensor
~0.3uA in shutdown mode
(3.3V only) - Optional Part
Address: 1001 000
4K x 8 I2C EEPROM
24AA32AFT = 1uA Standy (Industrial)
Address: 1010 000
R2 only required for
SPI Slave Mode
LPC1114FBD48/301,1
Voltage Divider to Measure VCC
1.0VIN = 0.31973 VOUT (4.7 / (10 + 4.7))
micro-SD Card Reader
FET + Transistor combination allows power
to be shut off with no voltage drop to SD
(3.3V only) - Optional Part
AT86RF212 = <1uA in sleep mode
Status LED (2mA)
Use SoftPullup
on RADIORST
Microwire Antenna
FR4: 1.0mm/39mil substrate
1oz/35µm/1.4mil copper
70mil wide = 50.2 Ohm
L3 can be substituted with 0
ohm resistor during development
SWD Debugger
1 = Enabled
0 = Disabled
AT86RF212LPC1114_v1.6
20/01/2011 11:35:32
Sheet: 1/1
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