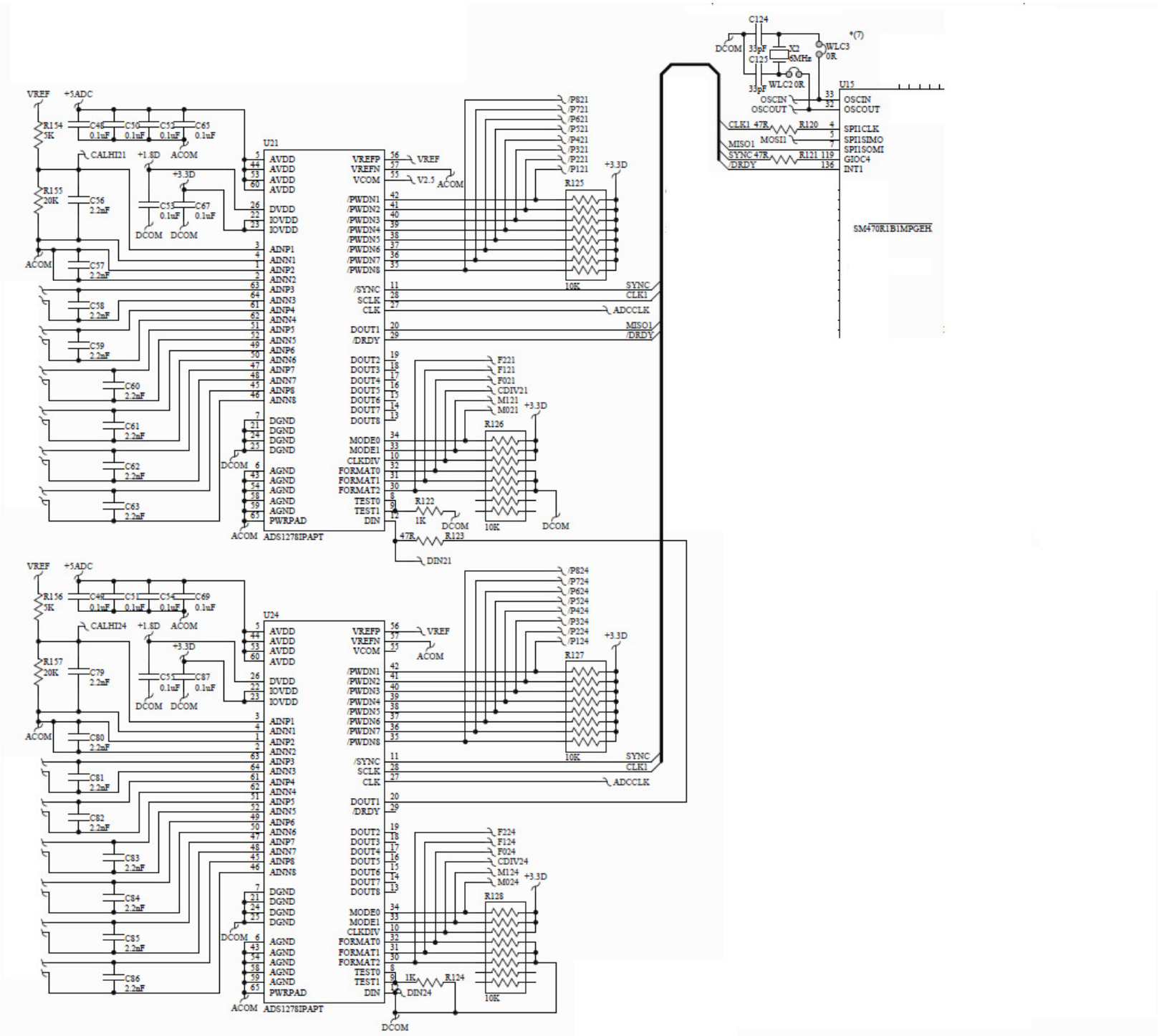
U21
ADS1278IPAPT
U24
ADS1278IPAPT
U15
SM470R1B1MPGEH
VREF
+5ADC
ACOM
DCOM
CALHI21
CALHI24
+1.8D
+3.3D
R154 5K
R155 20K
R156 5K
R157 20K
C46 0.1uF
C50 0.1uF
C52 0.1uF
C65 0.1uF
C55 0.1uF
C67 0.1uF
C56 2.2nF
C57 2.2nF
C58 2.2nF
C59 2.2nF
C60 2.2nF
C61 2.2nF
C62 2.2nF
C63 2.2nF
C49 0.1uF
C51 0.1uF
C54 0.1uF
C69 0.1uF
C55 0.1uF
C87 0.1uF
C79 2.2nF
C80 2.2nF
C81 2.2nF
C82 2.2nF
C83 2.2nF
C84 2.2nF
C85 2.2nF
C86 2.2nF
AVDD
DVDD
IOVDD
AINP1
AINN1
AINP2
AINN2
AINP3
AINN3
AINP4
AINN4
AINP5
AINN5
AINP6
AINN6
AINP7
AINN7
AINP8
AINN8
DGND
AGND
PWRPAD
VREFP
VREFN
VCOM
V2.5
/PWDN1
/PWDN2
/PWDN3
/PWDN4
/PWDN5
/PWDN6
/PWDN7
/PWDN8
/SYNC
SCLK
CLK
DOUT1
/DRDY
DOUT2
DOUT3
DOUT4
DOUT5
DOUT6
DOUT7
DOUT8
MODE0
MODE1
CLKDIV
FORMAT0
FORMAT1
FORMAT2
TEST0
TEST1
DIN
R125
R126
R127
R128
10K
R122 1K
R123 47R
R124 1K
DIN21
DIN24
/P821
/P721
/P621
/P521
/P421
/P321
/P221
/P121
F221
F121
F021
CDIV21
M121
M021
/P824
/P724
/P624
/P524
/P424
/P324
/P224
/P124
F224
F124
F024
CDIV24
M124
M024
SYNC
CLK1
ADCCLK
MISO1
/DRDY
C124
C125
33pF
X2 8MHz
WLC3 0R
WLC2 0R
*(7)
OSCIN
OSCOUT
CLK1 47R
R120
MISO1
MOSI1
SYNC 47R
R121
SPI1CLK
SPI1SIMO
SPI1SOMI
GIOC4
INT1