

***** MODULE F498I *****

*** TEMPERATURE SENSOR ***

Temperature sensor [ADC]: 1064
Temperature sensor [°C]: 27.888

*** NOISE ENC [keV] ***

Canale 0: 2.580
Canale 7: 9.481
Canale 15: 4.265
Canale 16: 3.276
Canale 23: 8.722
Canale 31: 3.089

*** THRESHOLD DISPERSION ***

Before FT [DAC]: 5.948
After FT [DAC]: 3.377

*** PEDESTAL DISPERSION ***

Pedestal dispersion [ADC]: 2.786

*** BIAS ***

AVDD [V]: 1.798
IVDD [mA]: 135.1
DVDD [V]: 1.801
IDVDD [mA]: 5
3V3 [V]: 3.000
I3V3 [mA]: 3
Ibias [mA]: 4.97
VCMSH [V]: 1.199
VCM [V]: 0.884
RVCM [V]: 0.899

*** NOTES ***

scratches on top
scratches on bottom

***** MODULE F502I *****

*** TEMPERATURE SENSOR ***

Temperature sensor [ADC]: 1061
Temperature sensor [°C]: 27.645

*** NOISE ENC [keV] ***

Canale 0: 3.291
Canale 7: 14.301
Canale 15: 5.372
Canale 16: 4.150
Canale 23: 16.750
Canale 31: 3.642

*** THRESHOLD DISPERSION ***

Before FT [DAC]: 4.381
After FT [DAC]: 2.096

*** PEDESTAL DISPERSION ***

Pedestal dispersion [ADC]: 4.047

*** BIAS ***

AVDD [V]: 1.798
IVDD [mA]: 134.2
DVDD [V]: 1.796
IDVDD [mA]: 5
3V3 [V]: 2.994
I3V3 [mA]: 3
Ibias [mA]: 4.97
VCMSH [V]: 1.199
VCM [V]: 0.883
RVCM [V]: 0.899

*** NOTES ***

scratches on top
scratches on bottom

***** MODULE F503I *****

*** TEMPERATURE SENSOR ***

Temperature sensor [ADC]: 1079
Temperature sensor [°C]: 29.100

*** NOISE ENC [keV] ***

Canale 0: 6.303
Canale 7: 17.358
Canale 15: 6.589
Canale 16: 16.948
Canale 23: 24.281
Canale 31: 13.228

*** THRESHOLD DISPERSION ***

Before FT [DAC]: 4.955
After FT [DAC]: 2.643

*** PEDESTAL DISPERSION ***

Pedestal dispersion [ADC]: 6.885

*** BIAS ***

AVDD [V]: 1.797
IVDD [mA]: 135.7
DVDD [V]: 1.799
IDVDD [mA]: 5
3V3 [V]: 2.995
I3V3 [mA]: 3
Ibias [mA]: 4.96
VCMSH [V]: 1.199
VCM [V]: 0.883
RVCM [V]: 0.899

*** NOTES ***

scratches on bottom

***** MODULE F507I *****

*** TEMPERATURE SENSOR ***

Temperature sensor [ADC]: 1067
Temperature sensor [°C]: 28.130

*** NOISE ENC [keV] ***

Canale 0: 6.358
Canale 7: 26.218
Canale 15: 6.558
Canale 16: 16.402
Canale 23: 22.583
Canale 31: 11.437

*** THRESHOLD DISPERSION ***

Before FT [DAC]: 3.626
After FT [DAC]: 1.360

*** PEDESTAL DISPERSION ***

Pedestal dispersion [ADC]: 7.498

*** BIAS ***

AVDD [V]: 1.795
IVDD [mA]: 134.8
DVDD [V]: 1.797
IDVDD [mA]: 5
3V3 [V]: 2.987
I3V3 [mA]: 3
Ibias [mA]: 4.93
VCMSH [V]: 1.197
VCM [V]: 0.882
RVCM [V]: 0.898

*** NOTES ***

scratches on bottom

***** MODULE F508I *****

*** TEMPERATURE SENSOR ***

Temperature sensor [ADC]: 1085
Temperature sensor [°C]: 29.584

*** NOISE ENC [keV] ***

Canale 0: 6.750
Canale 7: 27.398
Canale 15: 7.625
Canale 16: 16.616
Canale 23: 26.041
Canale 31: 13.515

*** THRESHOLD DISPERSION ***

Before FT [DAC]: 4.501
After FT [DAC]: 2.109

*** PEDESTAL DISPERSION ***

Pedestal dispersion [ADC]: 8.400

*** BIAS ***

AVDD [V]: 1.796
IVDD [mA]: 134.4
DVDD [V]: 1.795
IDVDD [mA]: 5
3V3 [V]: 3.001
I3V3 [mA]: 3
Ibias [mA]: 4.93
VCMSH [V]: 1.198
VCM [V]: 0.883
RVCM [V]: 0.898

*** NOTES ***

scratches on top
scratches on bottom

***** MODULE F509I *****

*** TEMPERATURE SENSOR ***

Temperature sensor [ADC]: 1083
Temperature sensor [°C]: 29.423

*** NOISE ENC [keV] ***

Canale 0: 6.210
Canale 7: 21.491
Canale 15: 6.746
Canale 16: 14.315
Canale 23: 23.762
Canale 31: 13.266

*** THRESHOLD DISPERSION ***

Before FT [DAC]: 6.318
After FT [DAC]: 3.723

*** PEDESTAL DISPERSION ***

Pedestal dispersion [ADC]: 7.573

*** BIAS ***

AVDD [V]: 1.794
IVDD [mA]: 134.7
DVDD [V]: 1.793
IDVDD [mA]: 5
3V3 [V]: 2.989
I3V3 [mA]: 3
Ibias [mA]: 4.91
VCMSH [V]: 1.196
VCM [V]: 0.882
RVCM [V]: 0.897

*** NOTES ***

scratches on top
scratches on bottom

***** MODULE F512I *****

*** TEMPERATURE SENSOR ***

Temperature sensor [ADC]: 1069
Temperature sensor [°C]: 28.292

*** NOISE ENC [keV] ***

Canale 0: 2.700
Canale 7: 9.461
Canale 15: 4.700
Canale 16: 3.299
Canale 23: 8.001
Canale 31: 3.165

*** THRESHOLD DISPERSION ***

Before FT [DAC]: 4.694
After FT [DAC]: 2.439

*** PEDESTAL DISPERSION ***

Pedestal dispersion [ADC]: 2.691

*** BIAS ***

AVDD [V]: 1.802
IVDD [mA]: 134.1
DVDD [V]: 1.800
IDVDD [mA]: 5
3V3 [V]: 2.989
I3V3 [mA]: 3
Ibias [mA]: 4.94
VCMSH [V]: 1.202
VCM [V]: 0.885
RVCM [V]: 0.900

*** NOTES ***

scratches on top

***** MODULE F515I *****

*** TEMPERATURE SENSOR ***

Temperature sensor [ADC]: 1060
Temperature sensor [°C]: 27.564

*** NOISE ENC [keV] ***

Canale 0: 3.336
Canale 7: 8.578
Canale 15: 4.786
Canale 16: 3.336
Canale 23: 8.752
Canale 31: 3.039

*** THRESHOLD DISPERSION ***

Before FT [DAC]: 4.860
After FT [DAC]: 3.389

*** PEDESTAL DISPERSION ***

Pedestal dispersion [ADC]: 2.596

*** BIAS ***

AVDD [V]: 1.795
IVDD [mA]: 134.9
DVDD [V]: 1.794
IDVDD [mA]: 5
3V3 [V]: 2.982
I3V3 [mA]: 3
Ibias [mA]: 4.95
VCMSH [V]: 1.197
VCM [V]: 0.882
RVCM [V]: 0.898

*** NOTES ***

scratches on top
scratches on bottom

***** MODULE F517I *****

*** TEMPERATURE SENSOR ***

Temperature sensor [ADC]: 1114
Temperature sensor [°C]: 31.924

*** NOISE ENC [keV] ***

Canale 0: 10.966
Canale 7: 60.931
Canale 15: 15.897
Canale 16: 21.662
Canale 23: 57.998
Canale 31: 16.280

*** THRESHOLD DISPERSION ***

Before FT [DAC]: 4.660
After FT [DAC]: 1.971

*** PEDESTAL DISPERSION ***

Pedestal dispersion [ADC]: 17.057

*** BIAS ***

AVDD [V]: 1.798
IVDD [mA]: 133.9
DVDD [V]: 1.794
IDVDD [mA]: 5
3V3 [V]: 2.995
I3V3 [mA]: 3
Ibias [mA]: 4.91
VCMSH [V]: 1.199
VCM [V]: 0.884
RVCM [V]: 0.899

*** NOTES ***

scratches on bottom

***** MODULE F518I *****

*** TEMPERATURE SENSOR ***

Temperature sensor [ADC]: 1096
Temperature sensor [°C]: 30.472

*** NOISE ENC [keV] ***

Canale 0: 9.978
Canale 7: 59.725
Canale 15: 13.415
Canale 16: 21.049
Canale 23: 59.466
Canale 31: 15.579

*** THRESHOLD DISPERSION ***

Before FT [DAC]: 5.204
After FT [DAC]: 2.842

*** PEDESTAL DISPERSION ***

Pedestal dispersion [ADC]: 16.041

*** BIAS ***

AVDD [V]: 1.794
IVDD [mA]: 131.9
DVDD [V]: 1.797
IDVDD [mA]: 5
3V3 [V]: 2.991
I3V3 [mA]: 3
Ibias [mA]: 4.92
VCMSH [V]: 1.196
VCM [V]: 0.882
RVCM [V]: 0.897

*** NOTES ***

solid defect on bottom

***** MODULE F521I *****

*** TEMPERATURE SENSOR ***

Temperature sensor [ADC]: 1087
Temperature sensor [°C]: 29.746

*** NOISE ENC [keV] ***

Canale 0: 7.191
Canale 7: 25.226
Canale 15: 6.049
Canale 16: 18.237
Canale 23: 29.747
Canale 31: 12.374

*** THRESHOLD DISPERSION ***

Before FT [DAC]: 5.506
After FT [DAC]: 3.032

*** PEDESTAL DISPERSION ***

Pedestal dispersion [ADC]: 8.027

*** BIAS ***

AVDD [V]: 1.795
IVDD [mA]: 132.4
DVDD [V]: 1.802
IDVDD [mA]: 5
3V3 [V]: 2.995
I3V3 [mA]: 3
Ibias [mA]: 4.91
VCMSH [V]: 1.197
VCM [V]: 0.883
RVCM [V]: 0.898

*** NOTES ***

scratches on bottom

***** MODULE F522I *****

*** TEMPERATURE SENSOR ***

Temperature sensor [ADC]: 1064
Temperature sensor [°C]: 27.888

*** NOISE ENC [keV] ***

Canale 0: 15.342
Canale 7: 80.722
Canale 15: 22.032
Canale 16: 28.200
Canale 23: 99.058
Canale 31: 21.382

*** THRESHOLD DISPERSION ***

Before FT [DAC]: 3.803
After FT [DAC]: 1.526

*** PEDESTAL DISPERSION ***

Pedestal dispersion [ADC]: 23.860

*** BIAS ***

AVDD [V]: 1.797
IVDD [mA]: 135.1
DVDD [V]: 1.797
IDVDD [mA]: 5
3V3 [V]: 2.986
I3V3 [mA]: 3
Ibias [mA]: 4.95
VCMSH [V]: 1.199
VCM [V]: 0.883
RVCM [V]: 0.899

*** NOTES ***

scratches on bottom

***** MODULE F526I *****

*** TEMPERATURE SENSOR ***

Temperature sensor [ADC]: 1079
Temperature sensor [°C]: 29.100

*** NOISE ENC [keV] ***

Canale 0: 6.679
Canale 7: 27.674
Canale 15: 6.368
Canale 16: 18.519
Canale 23: 27.172
Canale 31: 12.765

*** THRESHOLD DISPERSION ***

Before FT [DAC]: 4.903
After FT [DAC]: 2.182

*** PEDESTAL DISPERSION ***

Pedestal dispersion [ADC]: 8.175

*** BIAS ***

AVDD [V]: 1.796
IVDD [mA]: 132.2
DVDD [V]: 1.792
IDVDD [mA]: 5
3V3 [V]: 2.996
I3V3 [mA]: 3
Ibias [mA]: 4.90
VCMSH [V]: 1.197
VCM [V]: 0.883
RVCM [V]: 0.898

*** NOTES ***

scratches on top

***** MODULE F528I *****

*** TEMPERATURE SENSOR ***

Temperature sensor [ADC]: 1077
Temperature sensor [°C]: 28.938

*** NOISE ENC [keV] ***

Canale 0: 6.472
Canale 7: 26.195
Canale 15: 7.659
Canale 16: 18.978
Canale 23: 28.919
Canale 31: 13.848

*** THRESHOLD DISPERSION ***

Before FT [DAC]: 4.904
After FT [DAC]: 2.718

*** PEDESTAL DISPERSION ***

Pedestal dispersion [ADC]: 8.089

*** BIAS ***

AVDD [V]: 1.793
IVDD [mA]: 135.4
DVDD [V]: 1.794
IDVDD [mA]: 5
3V3 [V]: 2.970
I3V3 [mA]: 3
Ibias [mA]: 4.93
VCMSH [V]: 1.196
VCM [V]: 0.881
RVCM [V]: 0.897

*** NOTES ***

scratches on top

***** MODULE F529I *****

*** TEMPERATURE SENSOR ***

Temperature sensor [ADC]: 1085
Temperature sensor [°C]: 29.584

*** NOISE ENC [keV] ***

Canale 0: 6.467
Canale 7: 26.471
Canale 15: 7.277
Canale 16: 17.202
Canale 23: 27.355
Canale 31: 12.229

*** THRESHOLD DISPERSION ***

Before FT [DAC]: 3.636
After FT [DAC]: 1.409

*** PEDESTAL DISPERSION ***

Pedestal dispersion [ADC]: 8.115

*** BIAS ***

AVDD [V]: 1.797
IVDD [mA]: 134.2
DVDD [V]: 1.798
IDVDD [mA]: 5
3V3 [V]: 2.985
I3V3 [mA]: 3
Ibias [mA]: 4.92
VCMSH [V]: 1.199
VCM [V]: 0.884
RVCM [V]: 0.899

*** NOTES ***

scratches on top
scratches on bottom