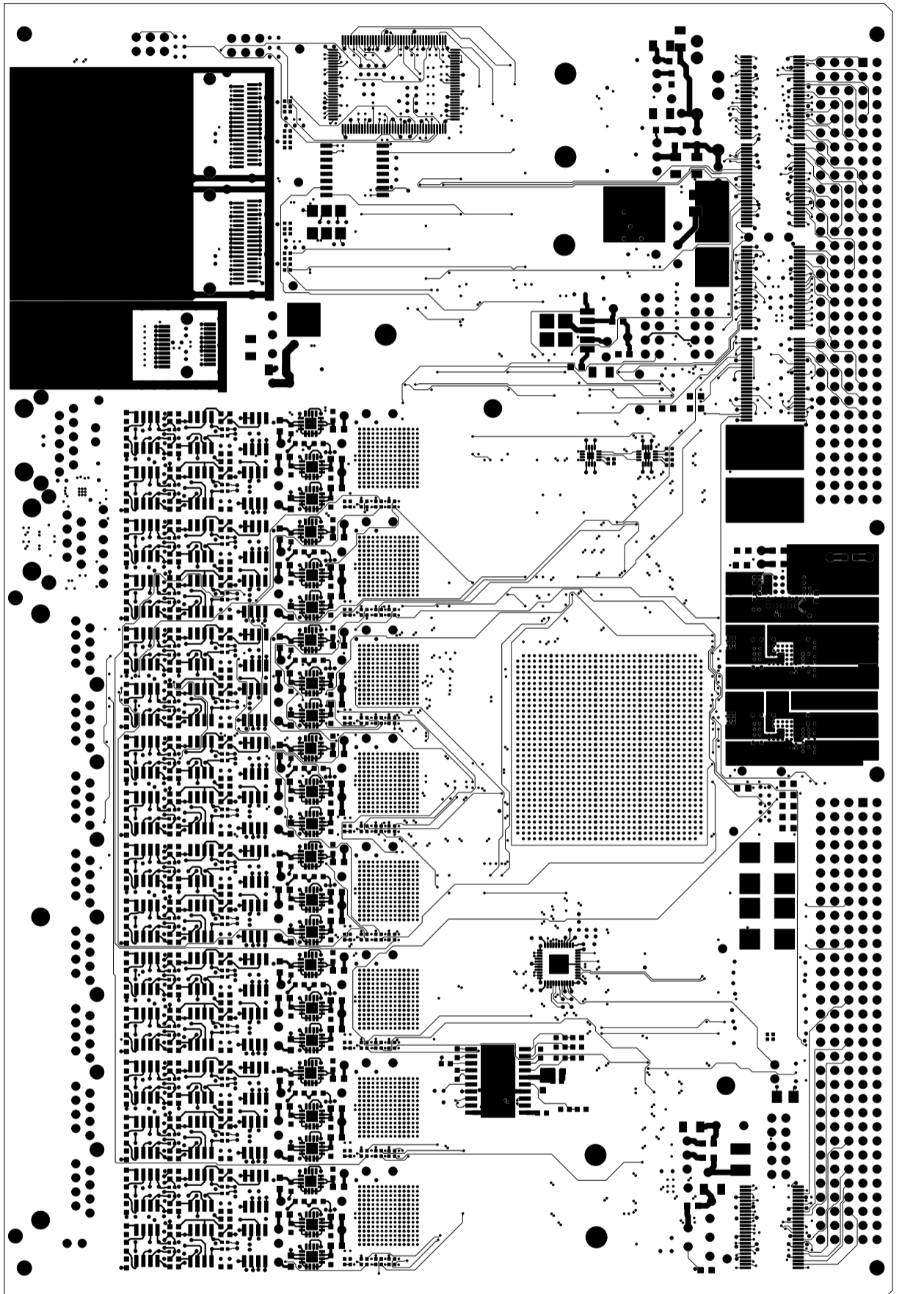


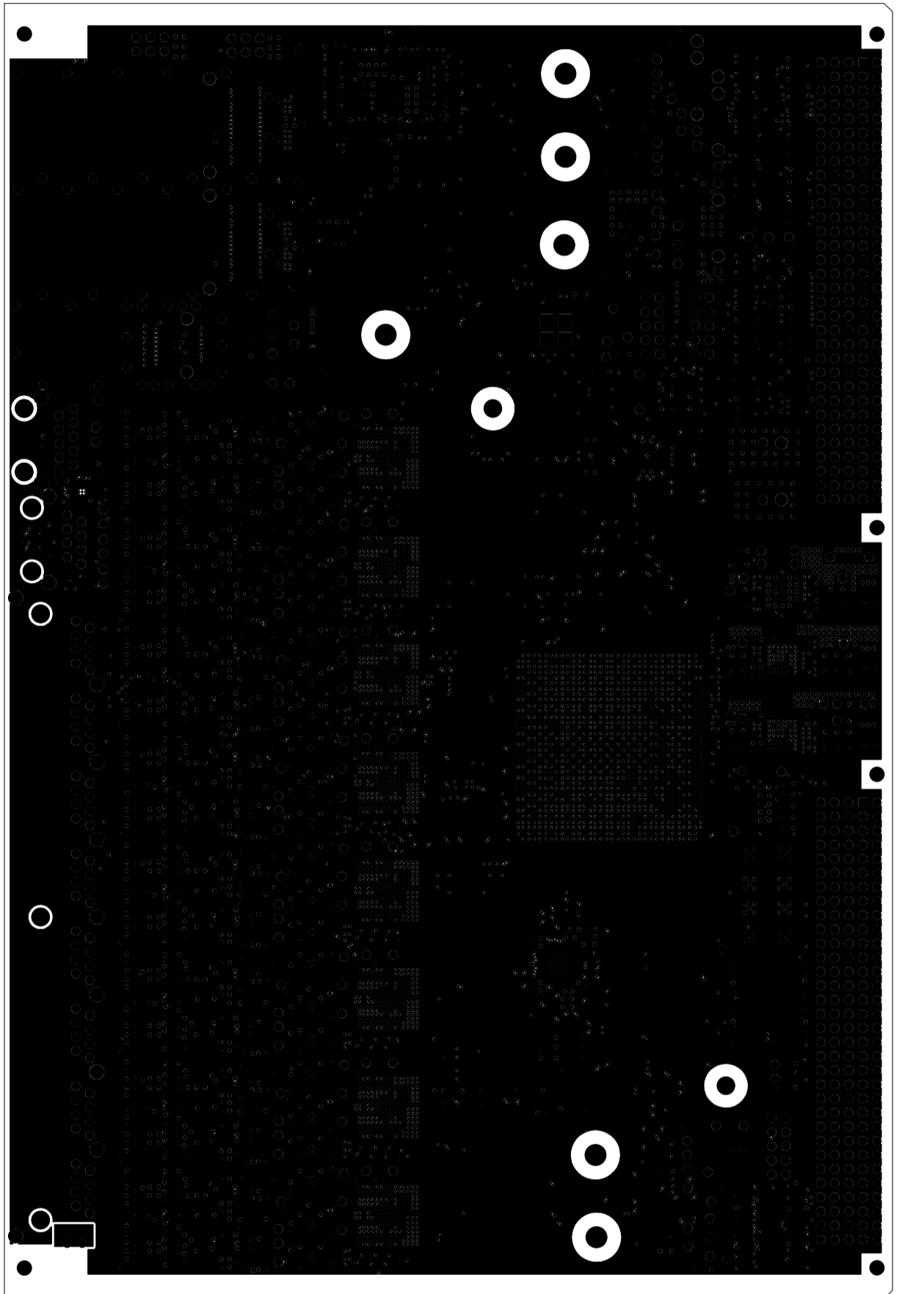
TOP: FILM1



Mircea Bogdan The University of Chicago 16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

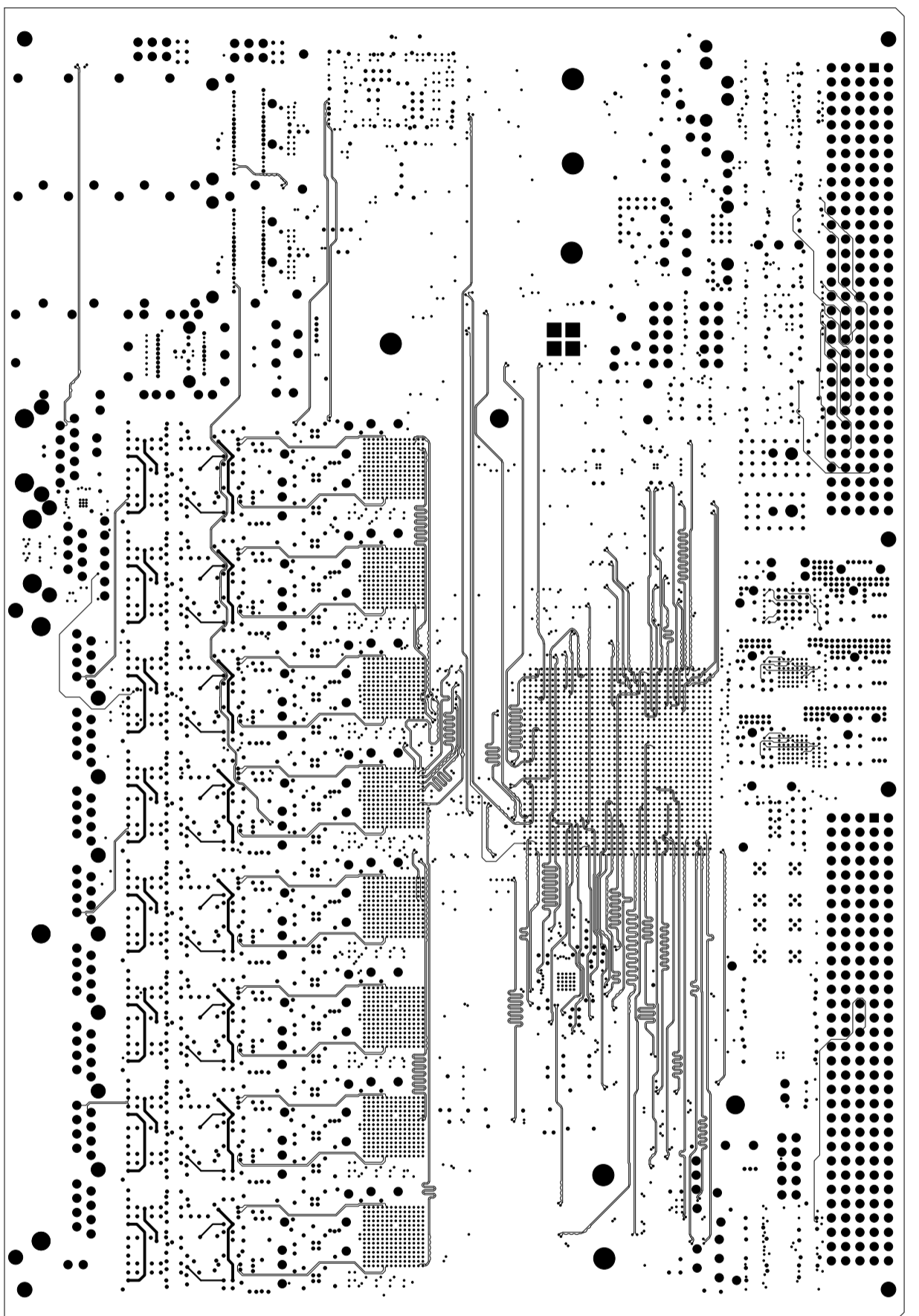
POWER: GROUND, FILM2



Mircea Bogdan The University of Chicago 16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

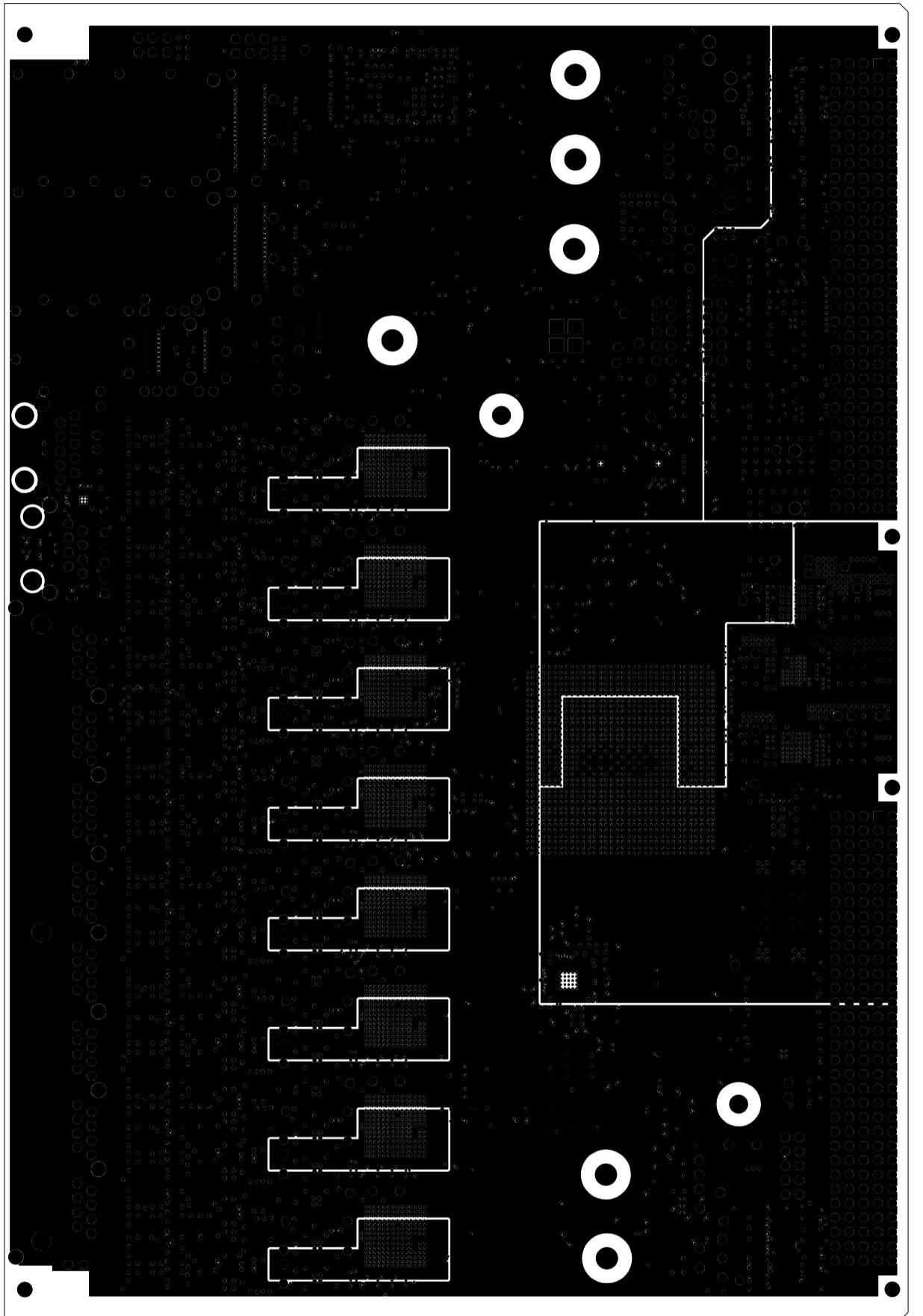
SIGNAL - FILM3



Mircea Bogdan The University of Chicago 16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

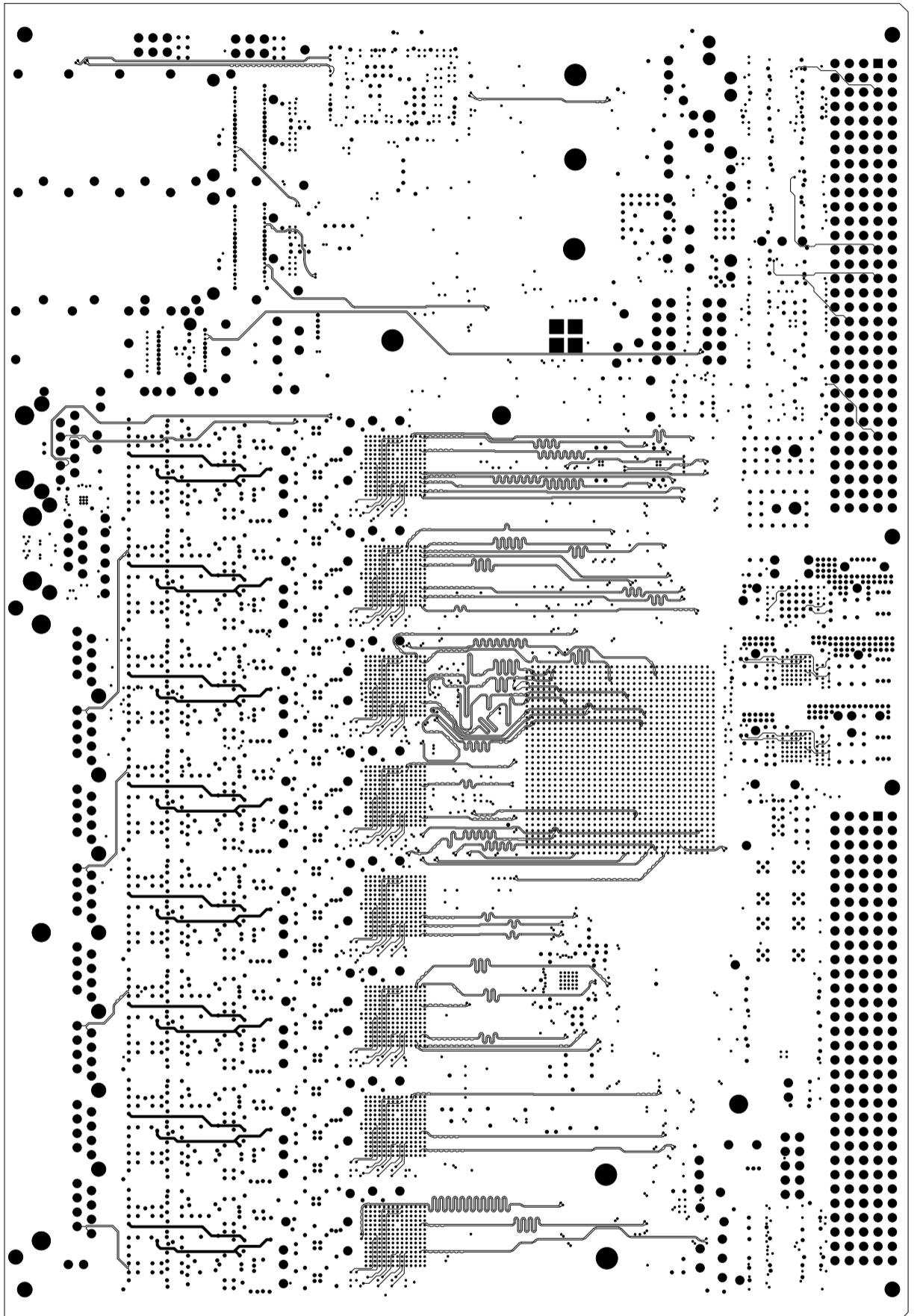
POWER: +3.3Vin,+3.3V,VCC_1.1V,T_GXB_1.15V,DRVDD_0...7, FILM4



Mircea Bogdan The University of Chicago 16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

SIGNAL - FILM5

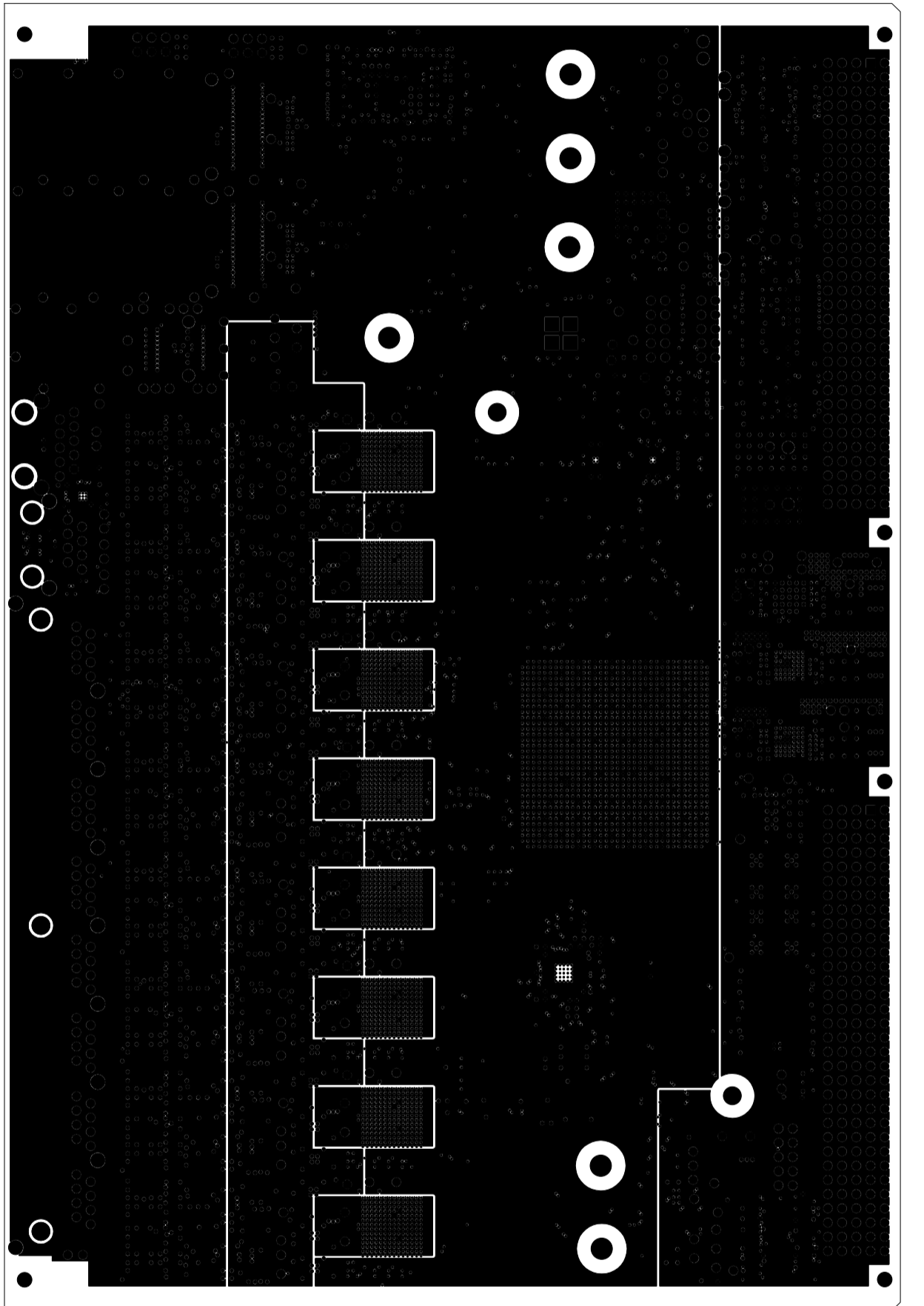


Mircea Bogdan The University of Chicago

16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

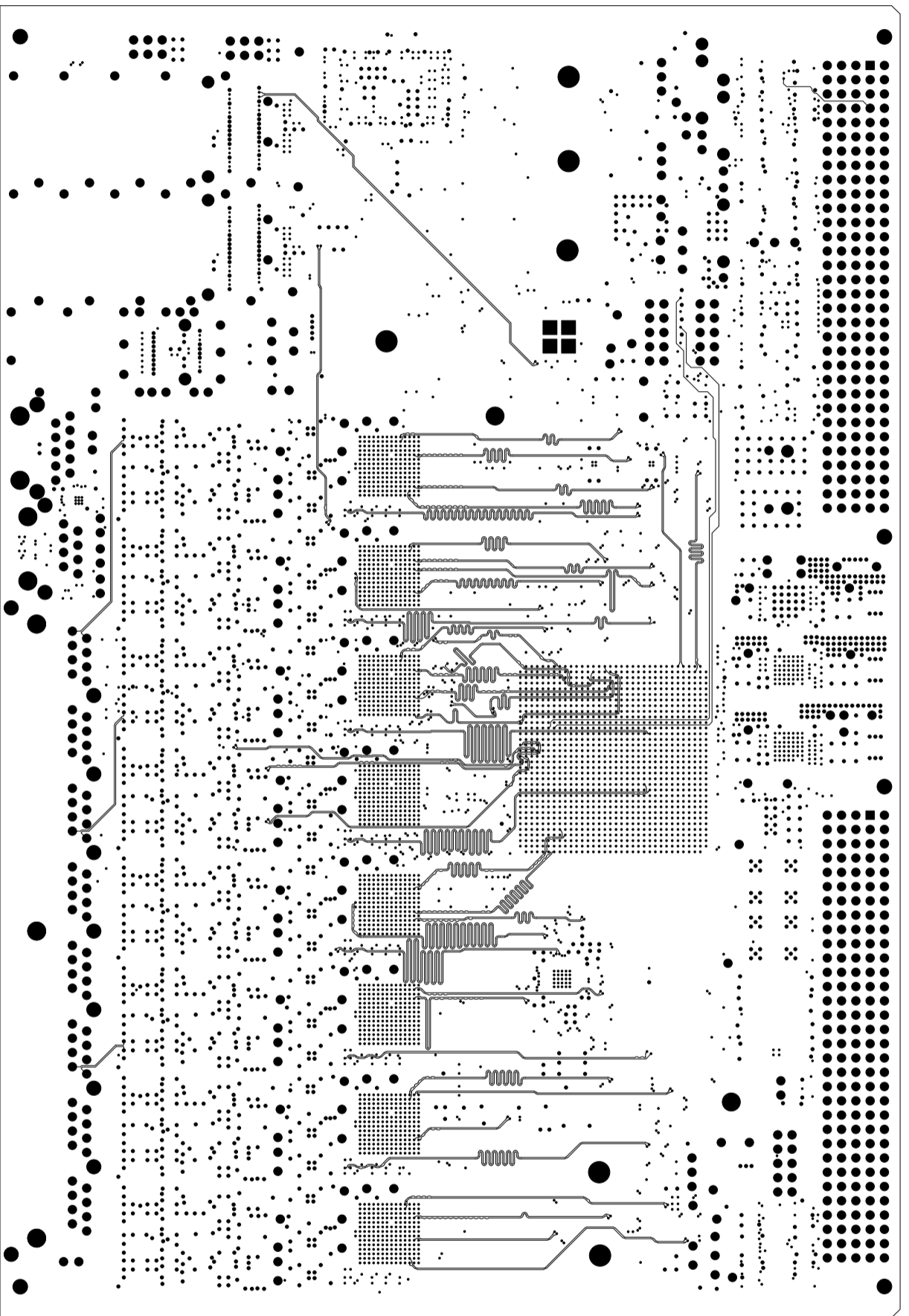
POWER: VCC, +2.5V, SPIDVDD_0...7 FILM6



Mircea Bogdan The University of Chicago 16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

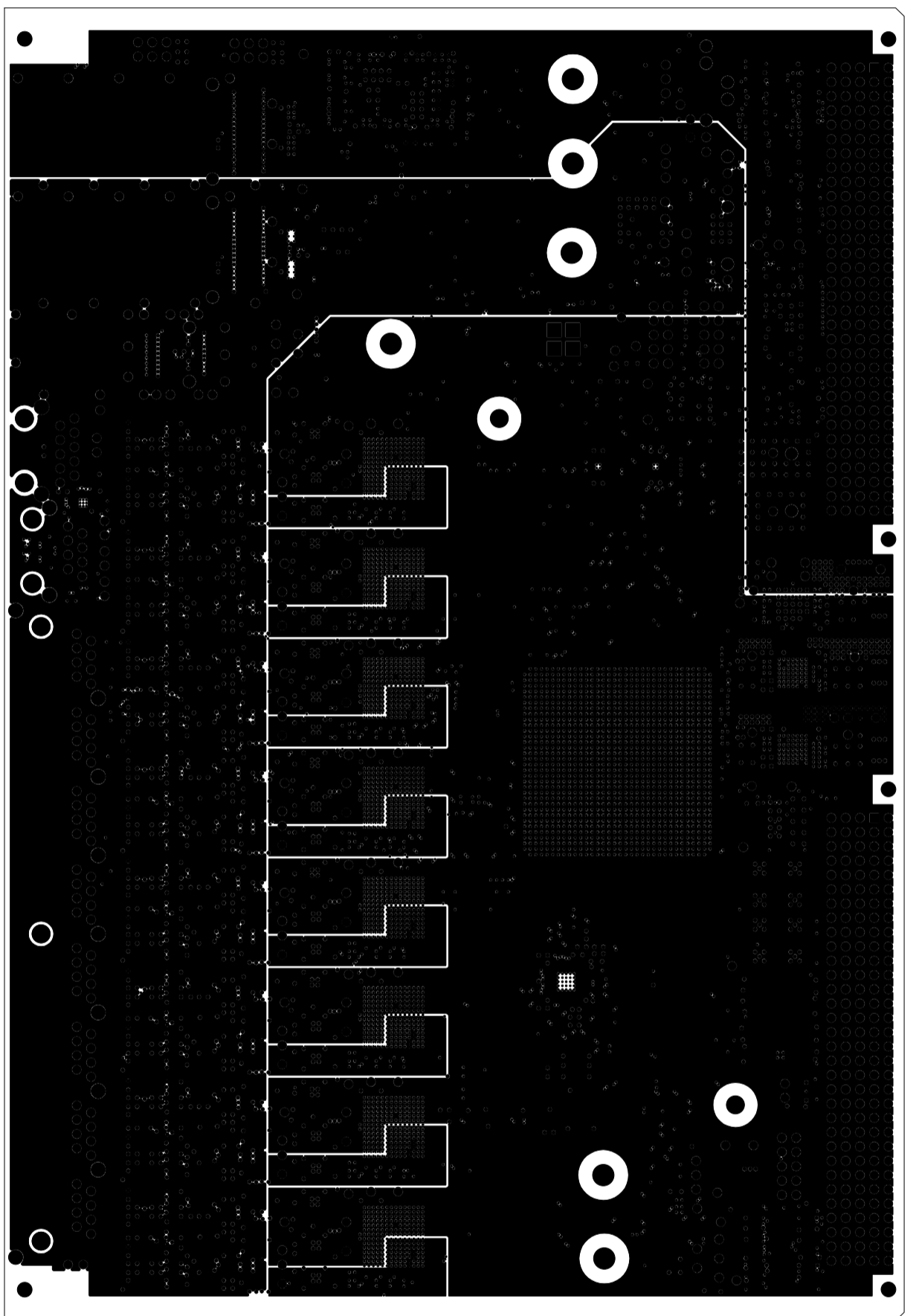
SIGNAL - FILM7



Mircea Bogdan The University of Chicago 16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

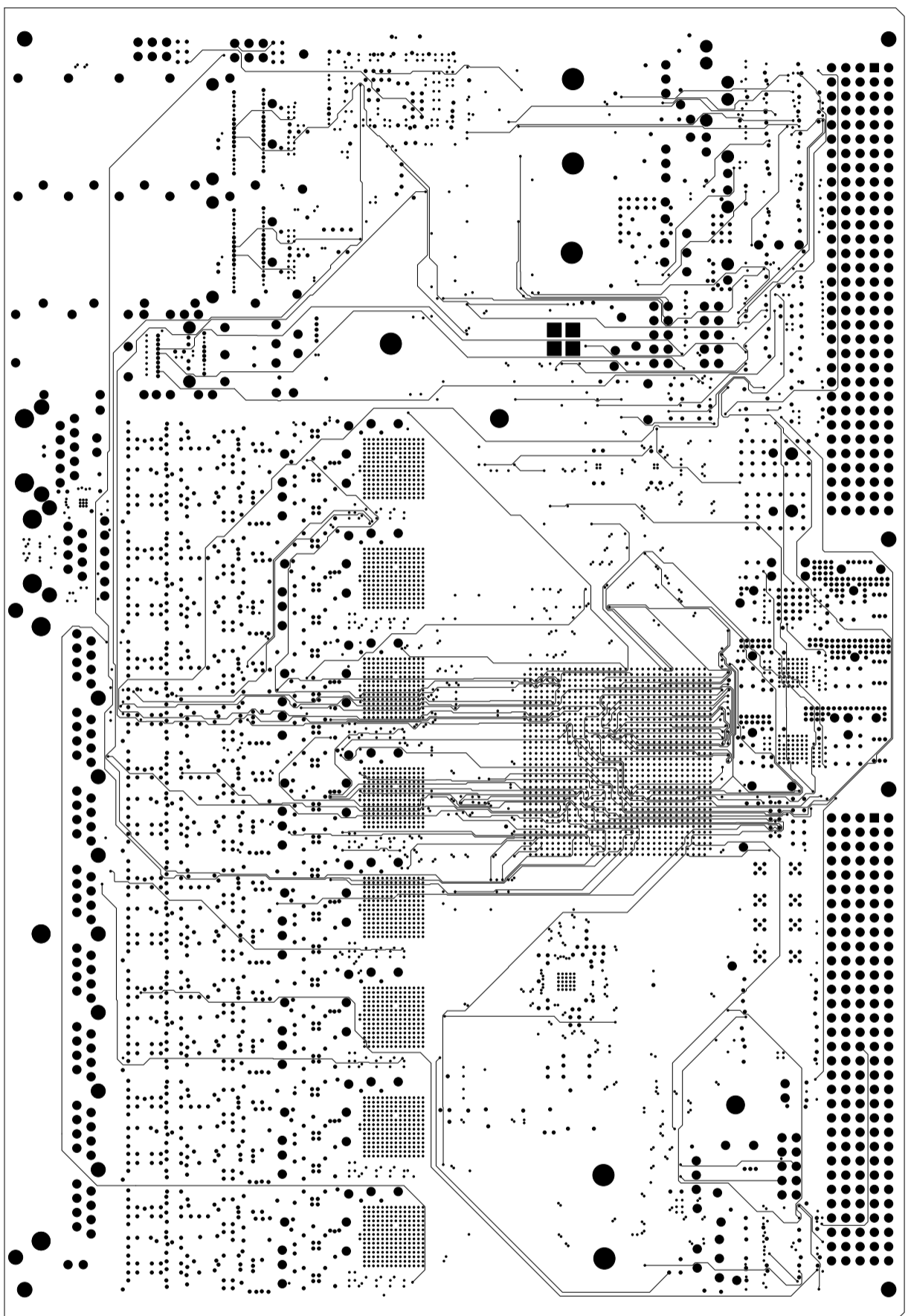
POWER: VCC_1.1Vb, -5Vbn, DVDD_0...7, AVDD_1.8V FILM8



Mircea Bogdan The University of Chicago 16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

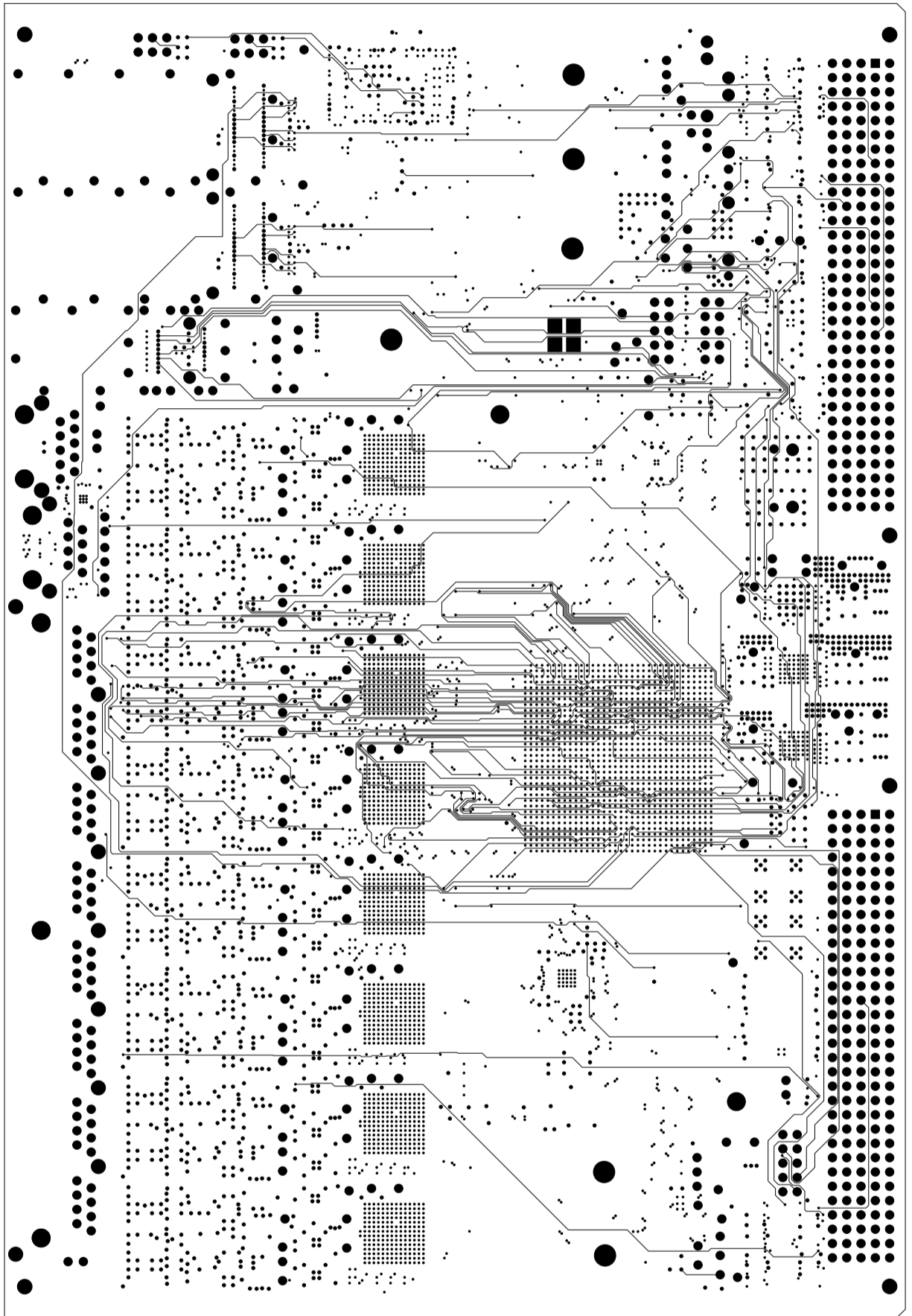
SIGNAL - FILM9



Mircea Bogdan The University of Chicago 16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

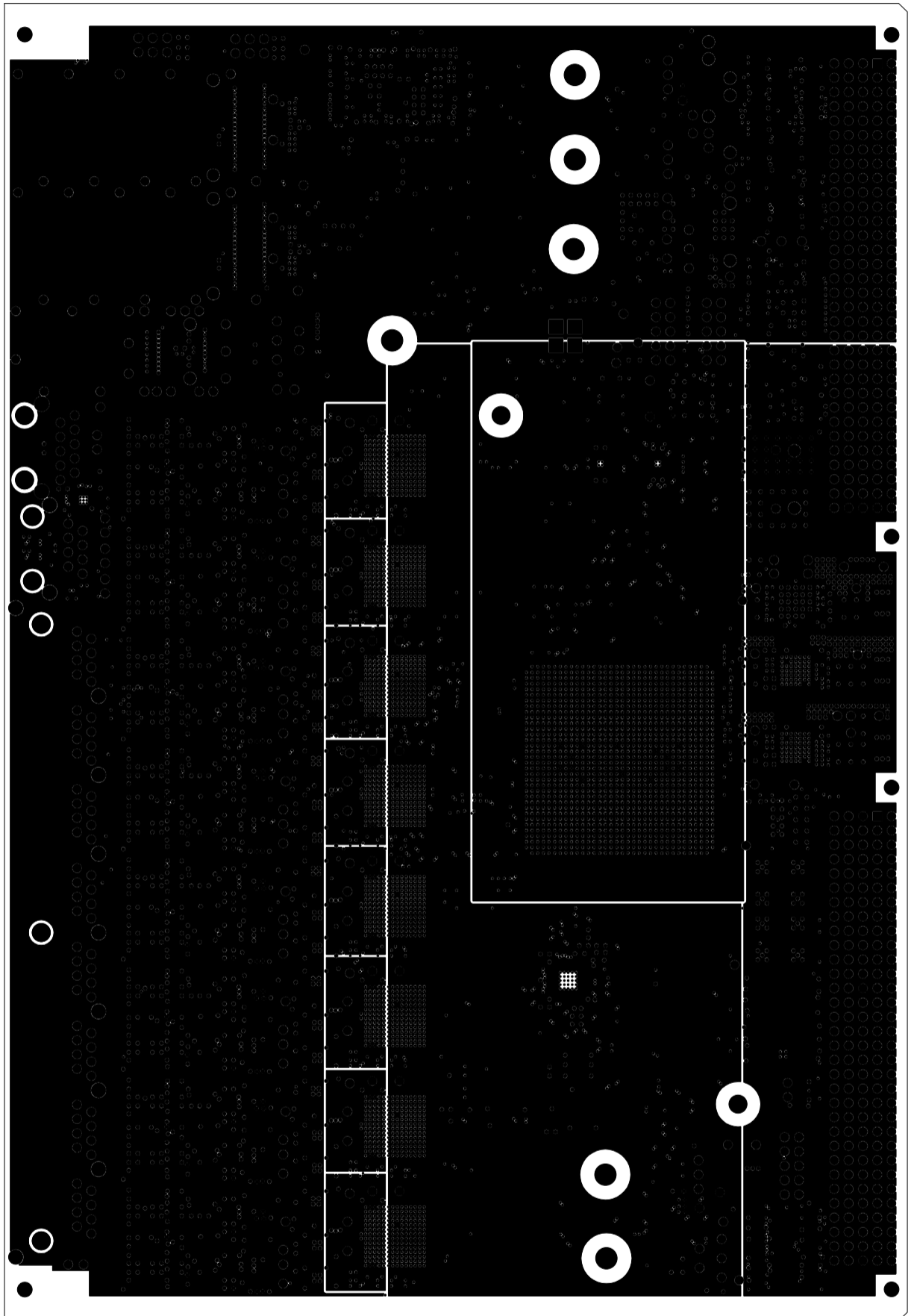
SIGNAL - FILM10



Mircea Bogdan The University of Chicago 16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

POWER: +5V, +5VAn, VAUX_2.5V, +3.3VAn, AVDD3_0...7, FILM11

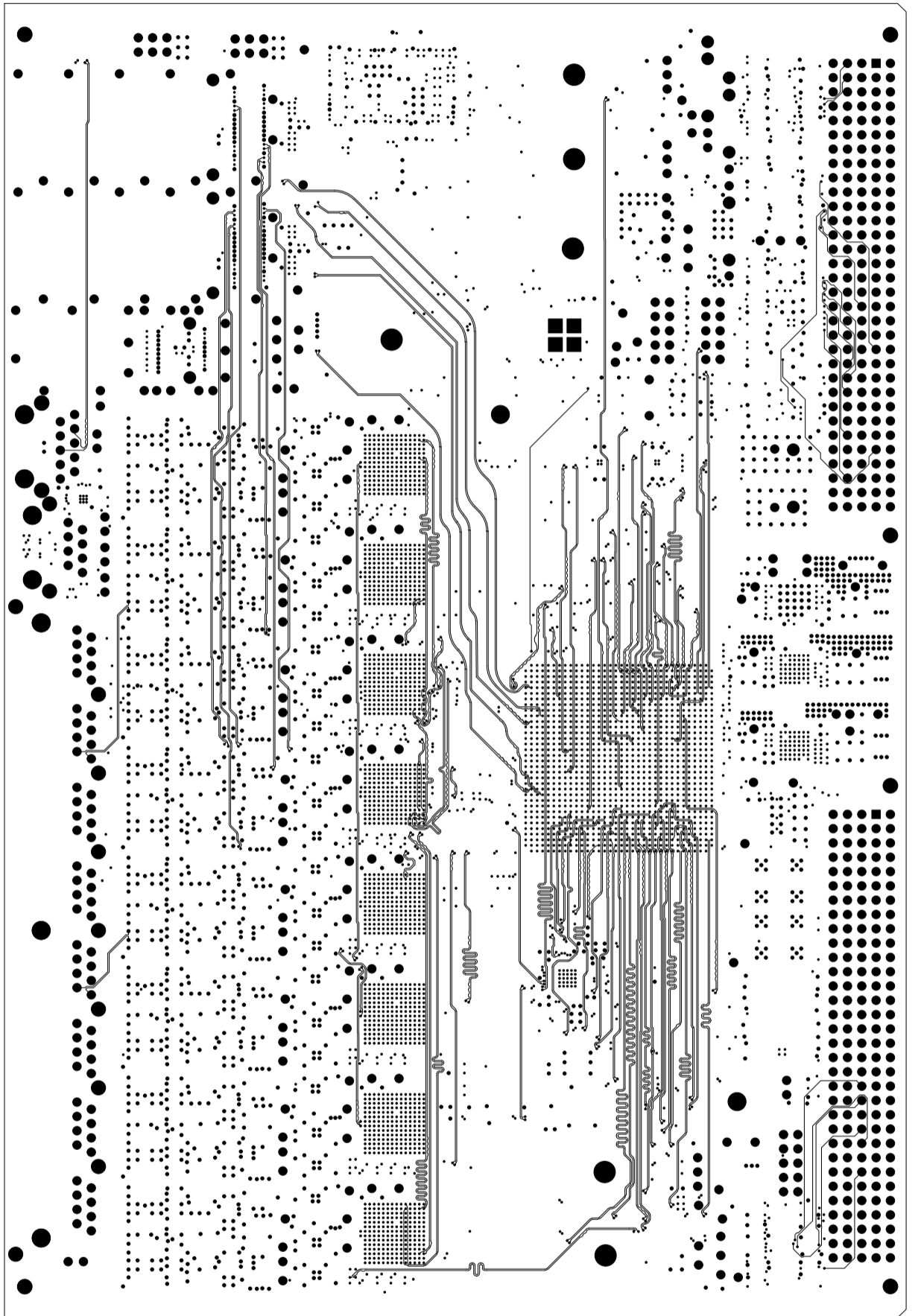


Mircea Bogdan The University of Chicago

16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

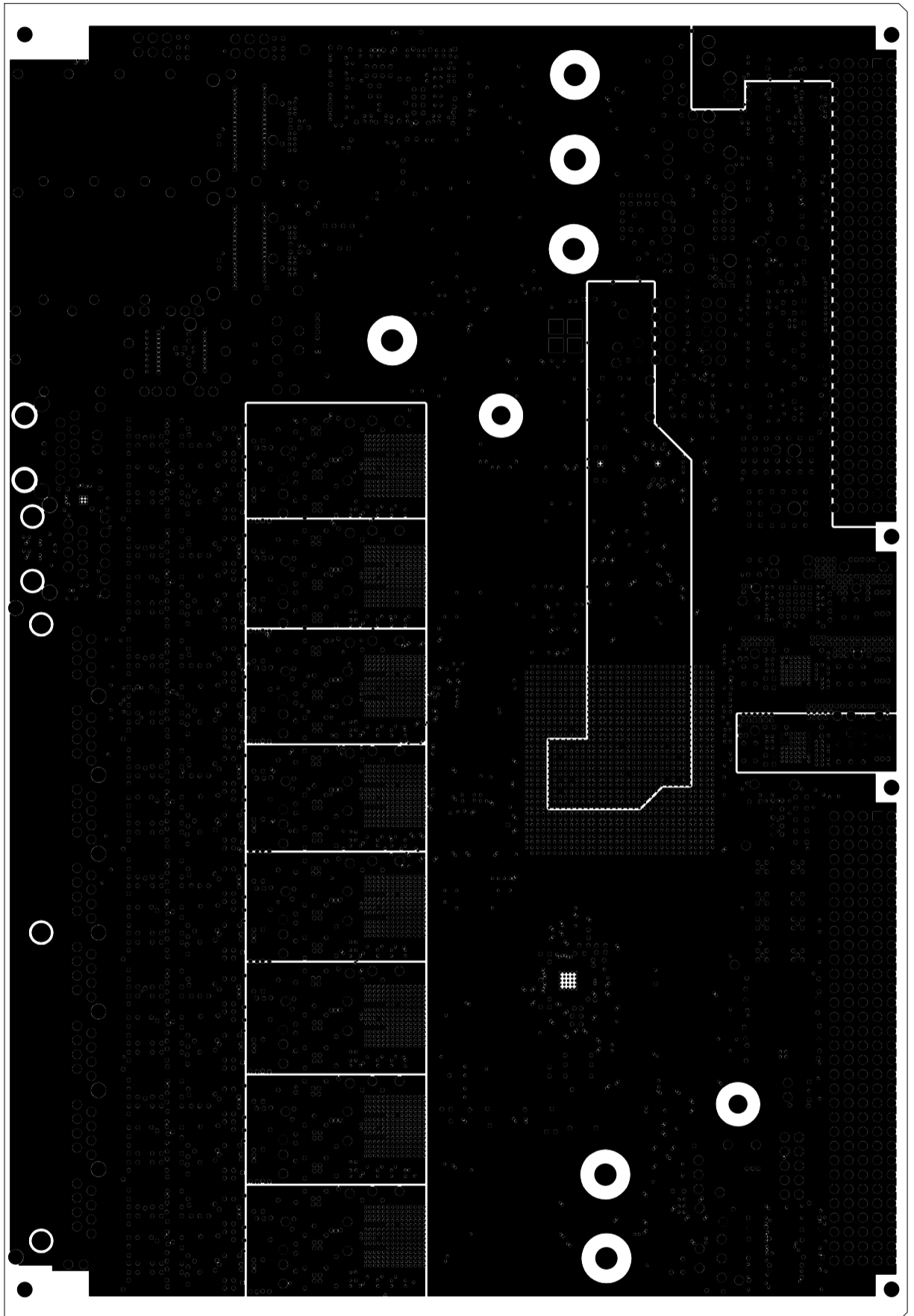
SIGNAL - FILM12



Mircea Bogdan The University of Chicago 16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

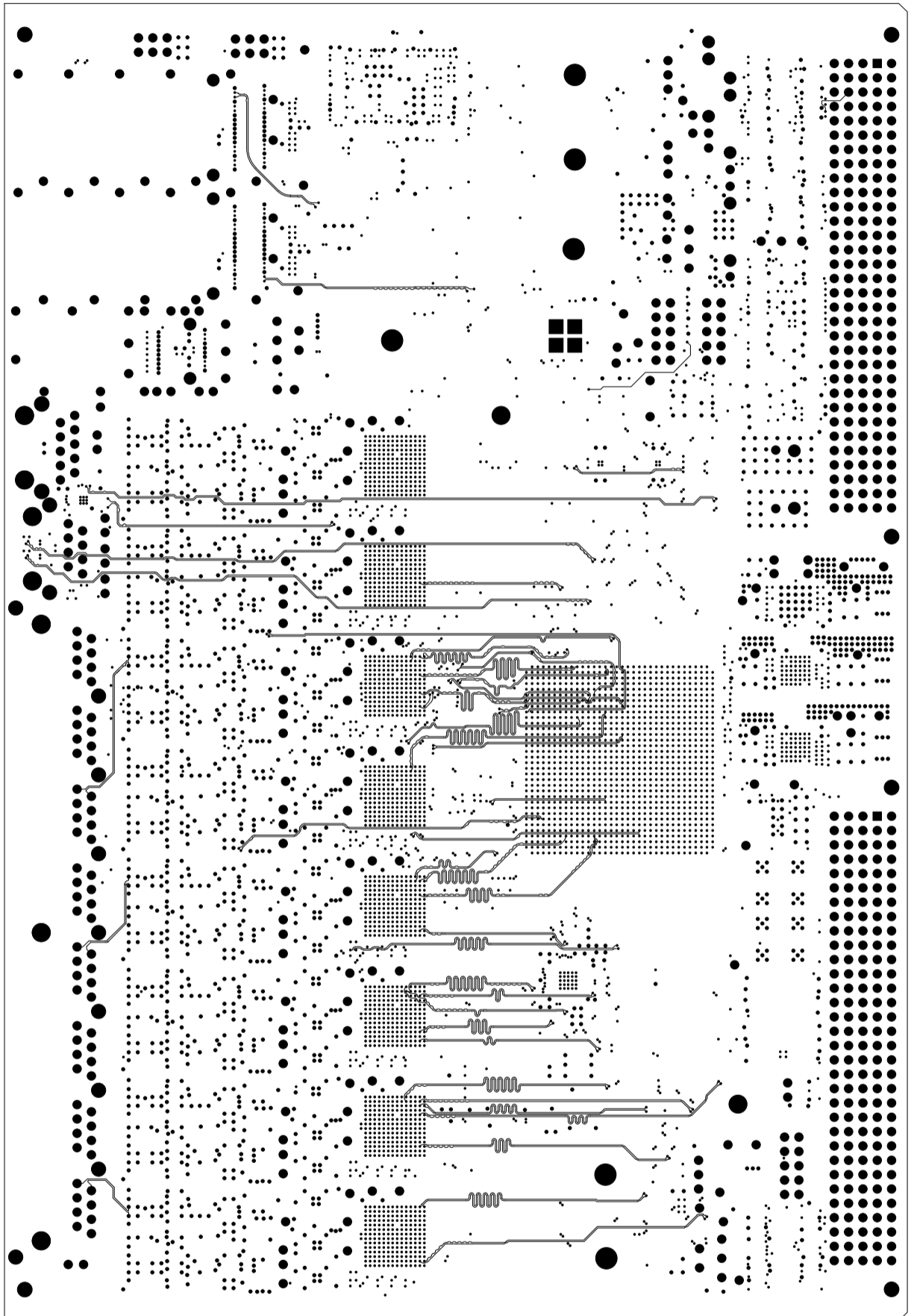
POWER: H_GXB_1.5V, 1.8V, -12Vin, VIO_3.0V, AVDD1_0...7,FILM13



Mircea Bogdan The University of Chicago 16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

SIGNAL - FILM14

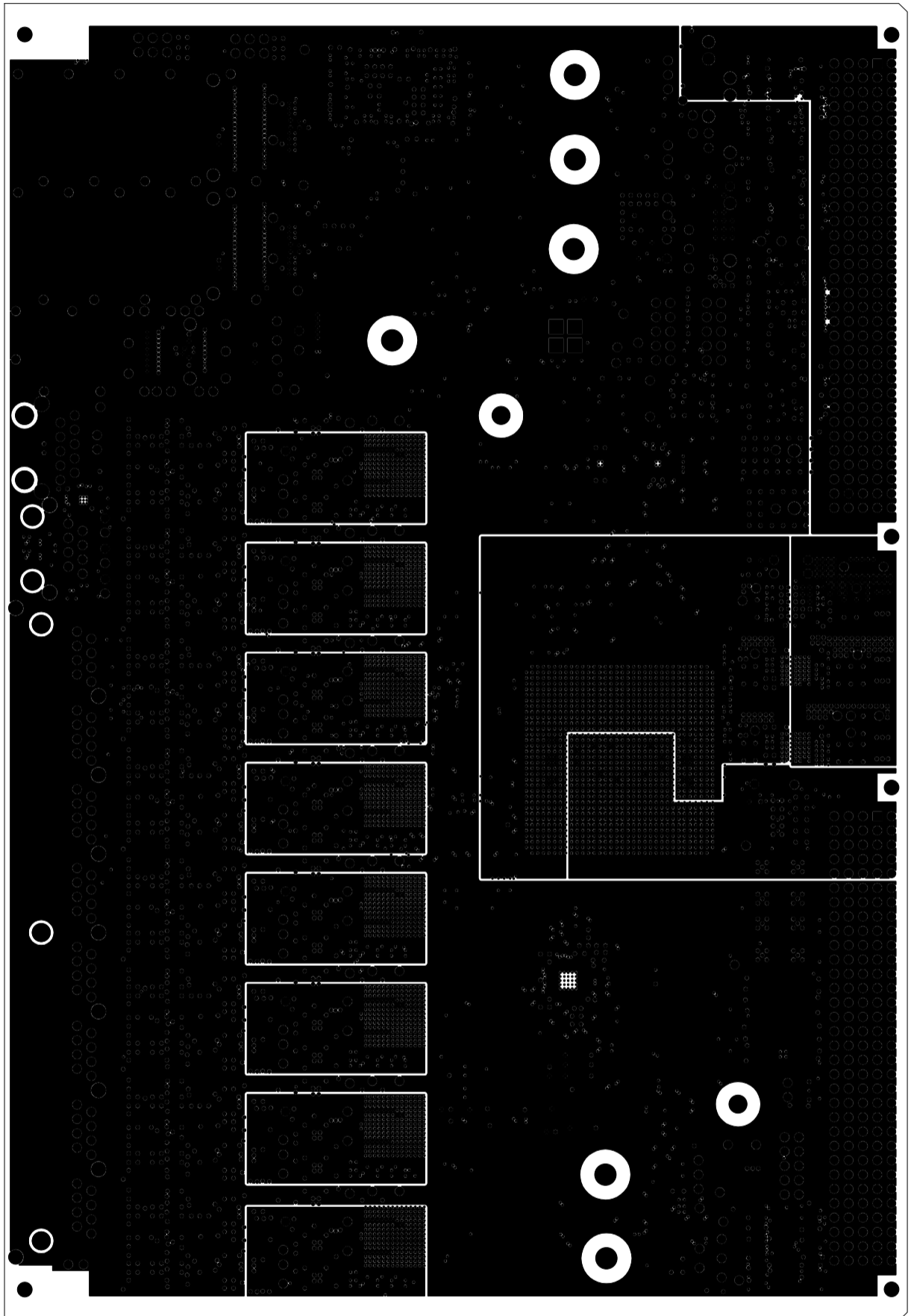


Mircea Bogdan The University of Chicago

16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

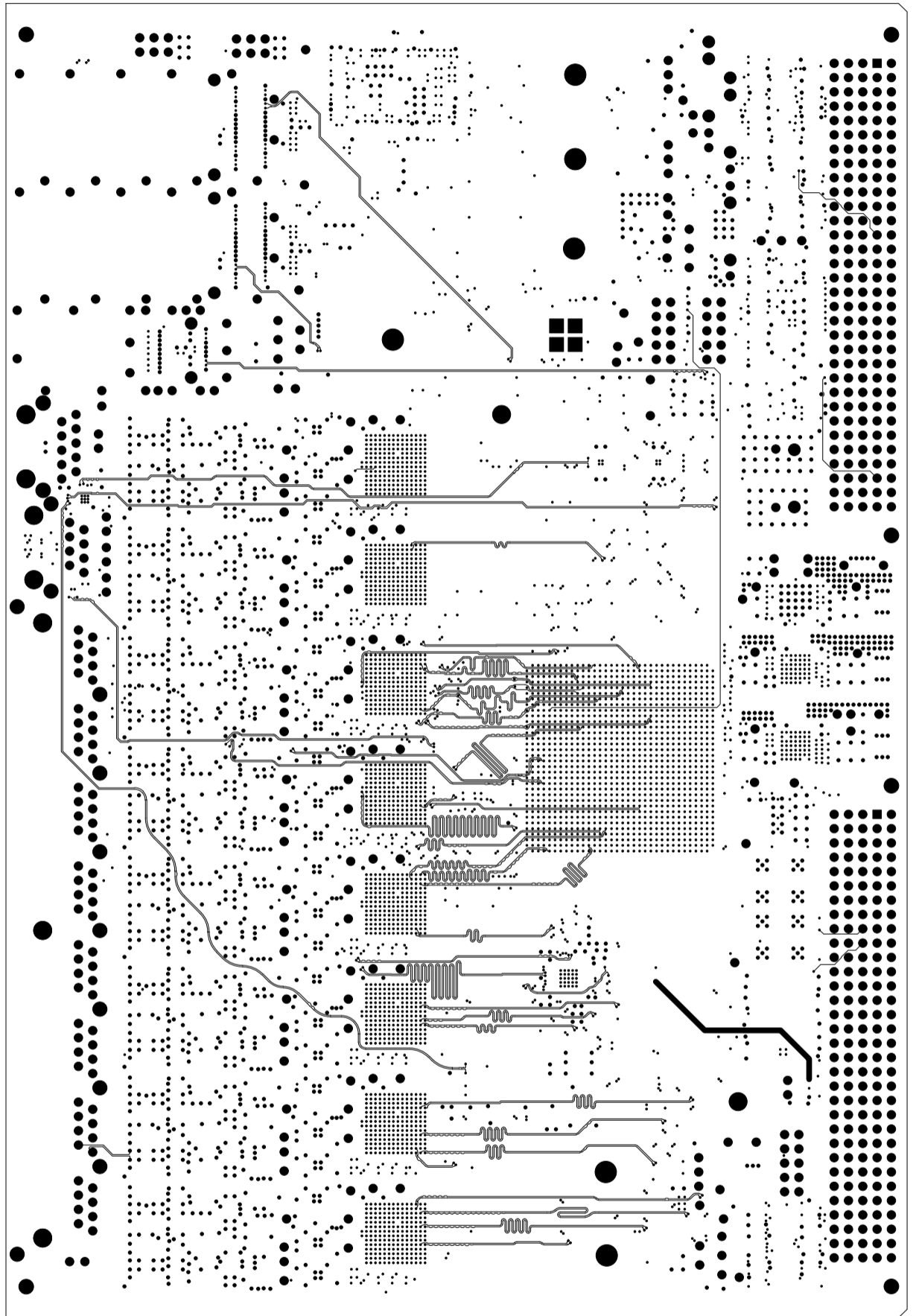
POWER: +12Vin, VCCP_1.1V, +3.3V, LR_GXB_1.15V, +1.15V, AVDD2_0...7, FILM15



Mircea Bogdan The University of Chicago 16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

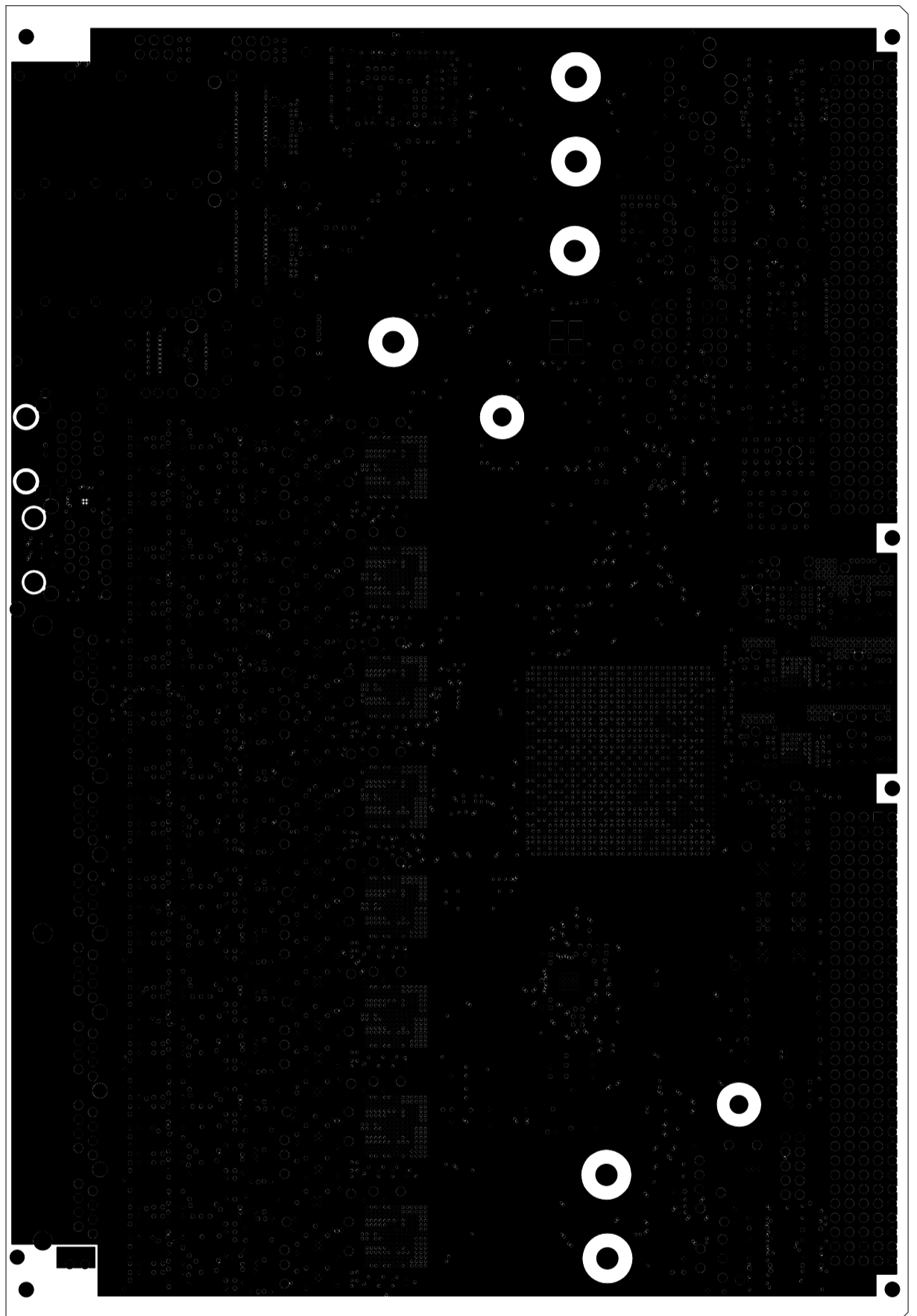
SIGNAL - FILM16



Mircea Bogdan The University of Chicago 16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

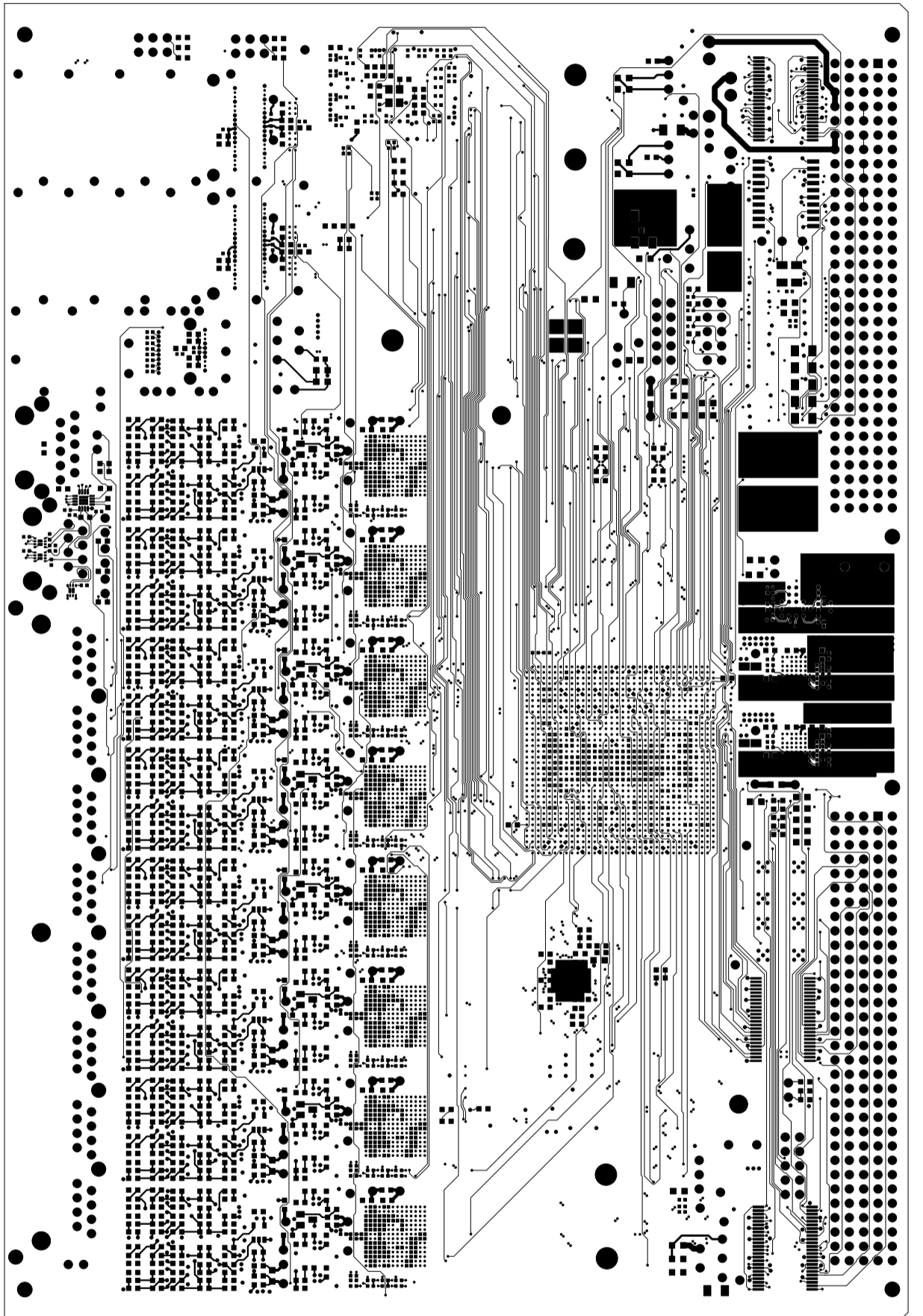
POWER: GROUND, FILM17



Mircea Bogdan The University of Chicago 16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

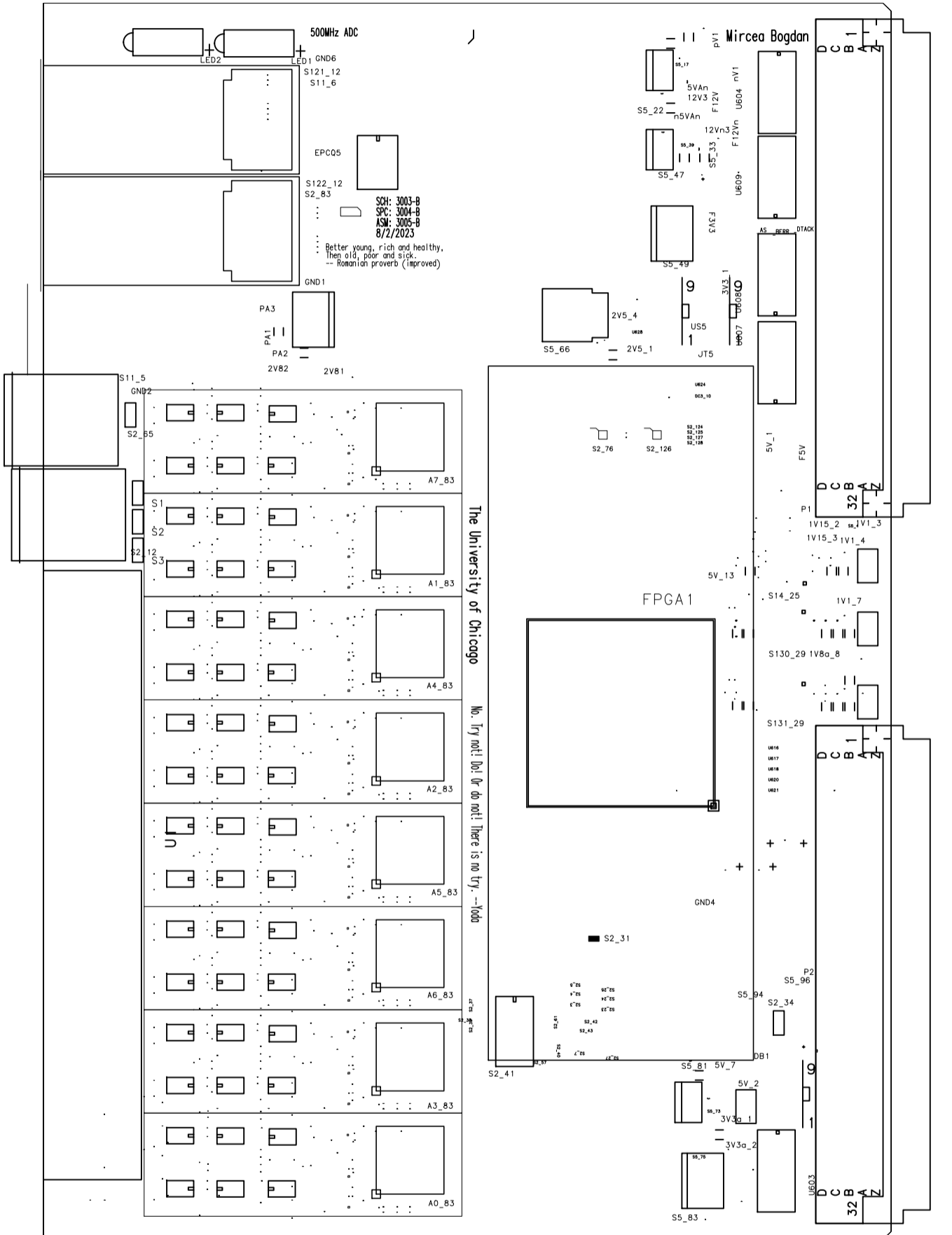
Bottom -, FILM18



Mircea Bogdan The University of Chicago 16-Channel, 500MHz ADC Board

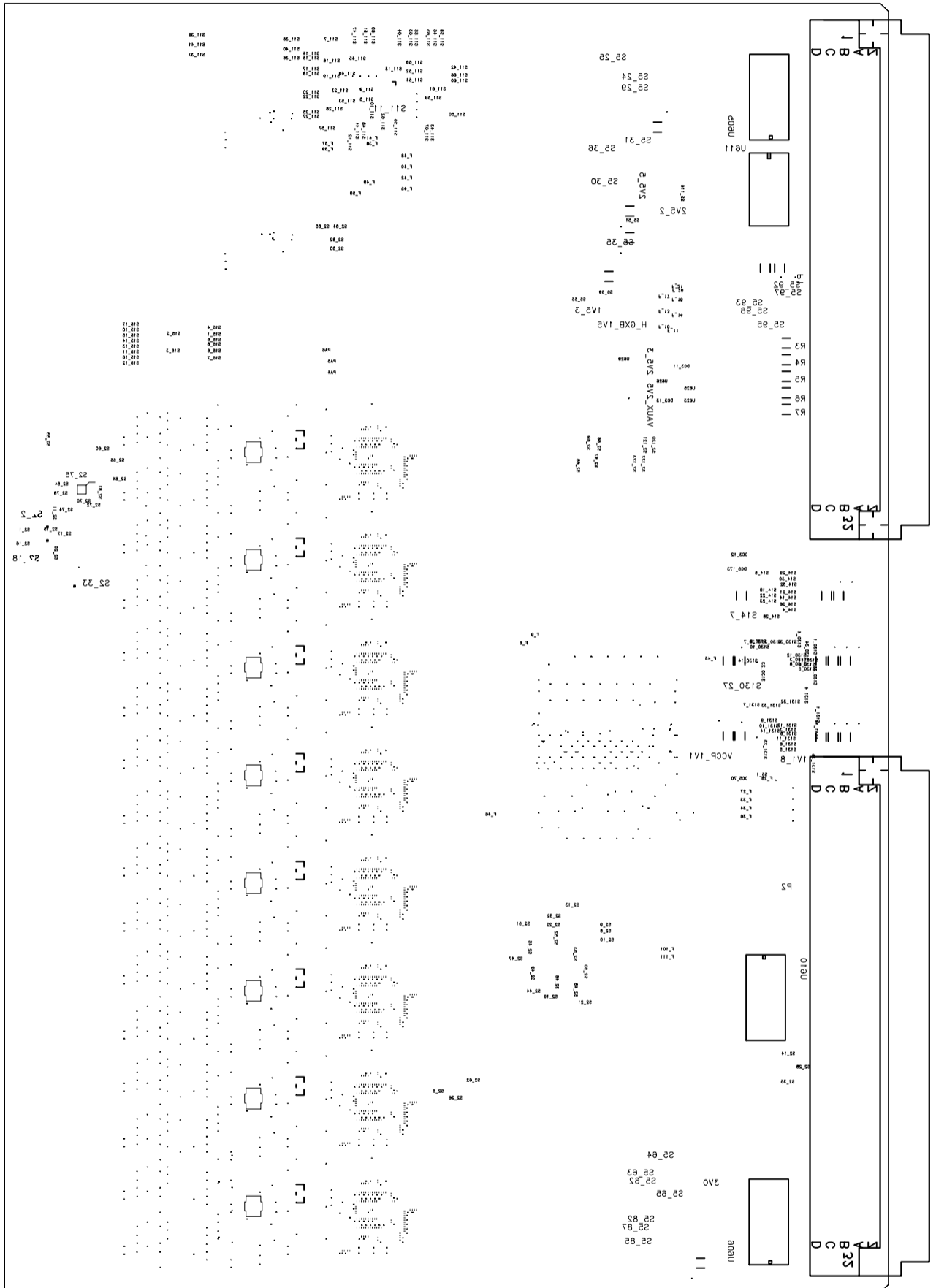
Assy Drawing #3005-B 8/2/2023

TOP SILK



Mircea Bogdan The University of Chicago 16-Channel, 500MHz ADC Board
 Assy Drawing #3005-B 8/2/2023

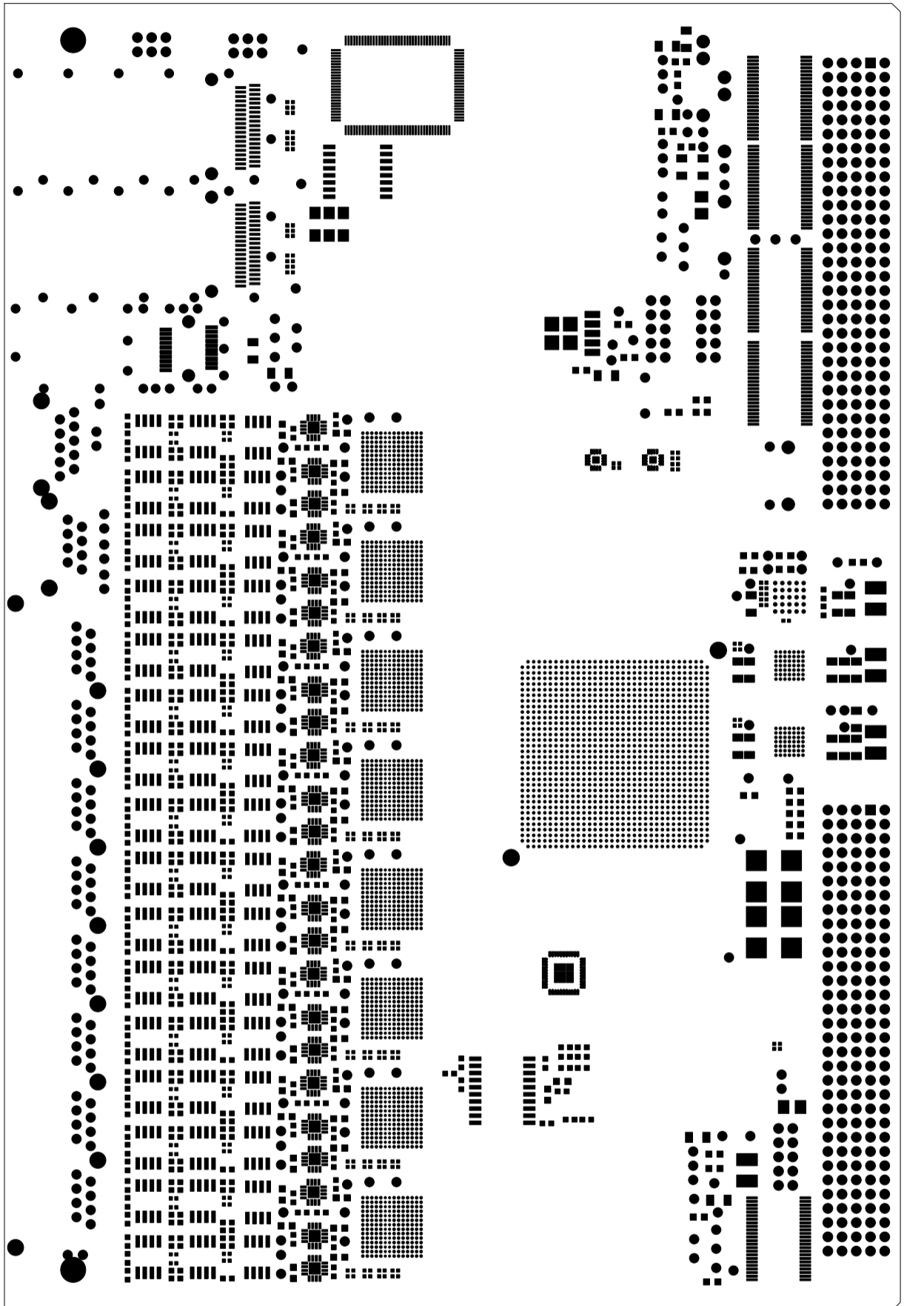
BOT SILK



Mircea Bogdan The University of Chicago 16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

TOP MASK



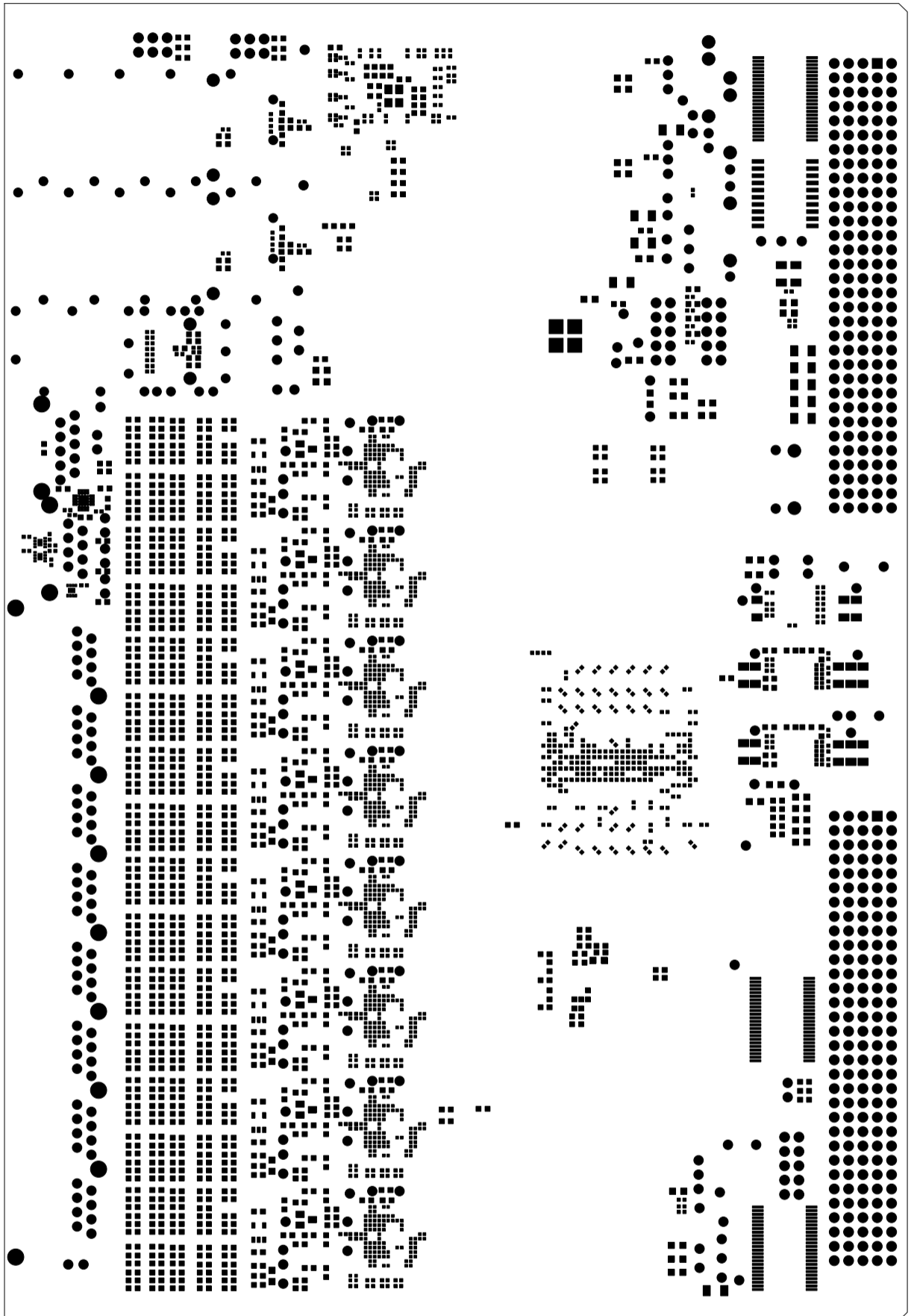
Mircea Bogdan

The University of Chicago

16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

BOT MASK



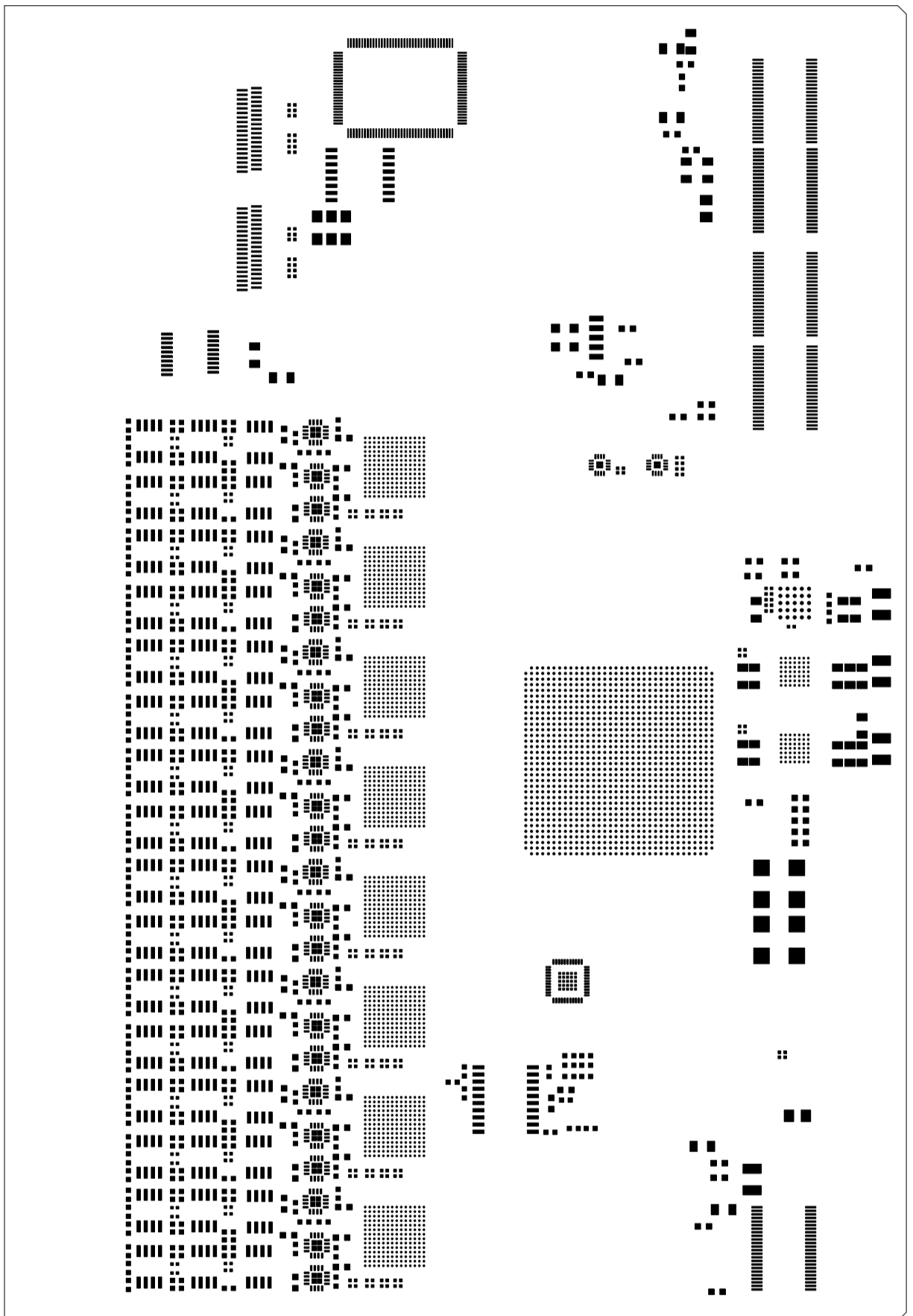
Mircea Bogdan

The University of Chicago

16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

TOP PASTE



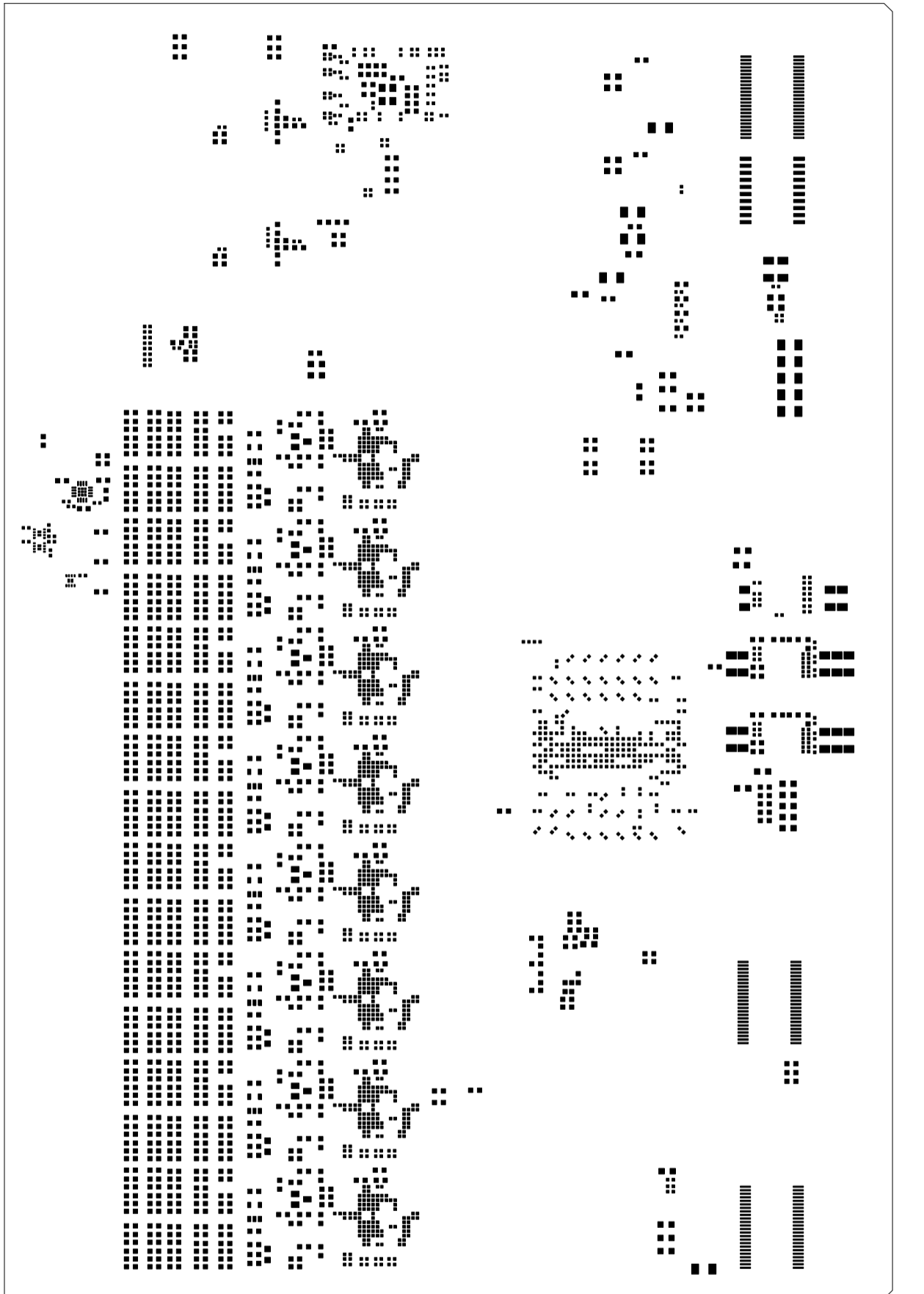
Mircea Bogdan

The University of Chicago

16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023

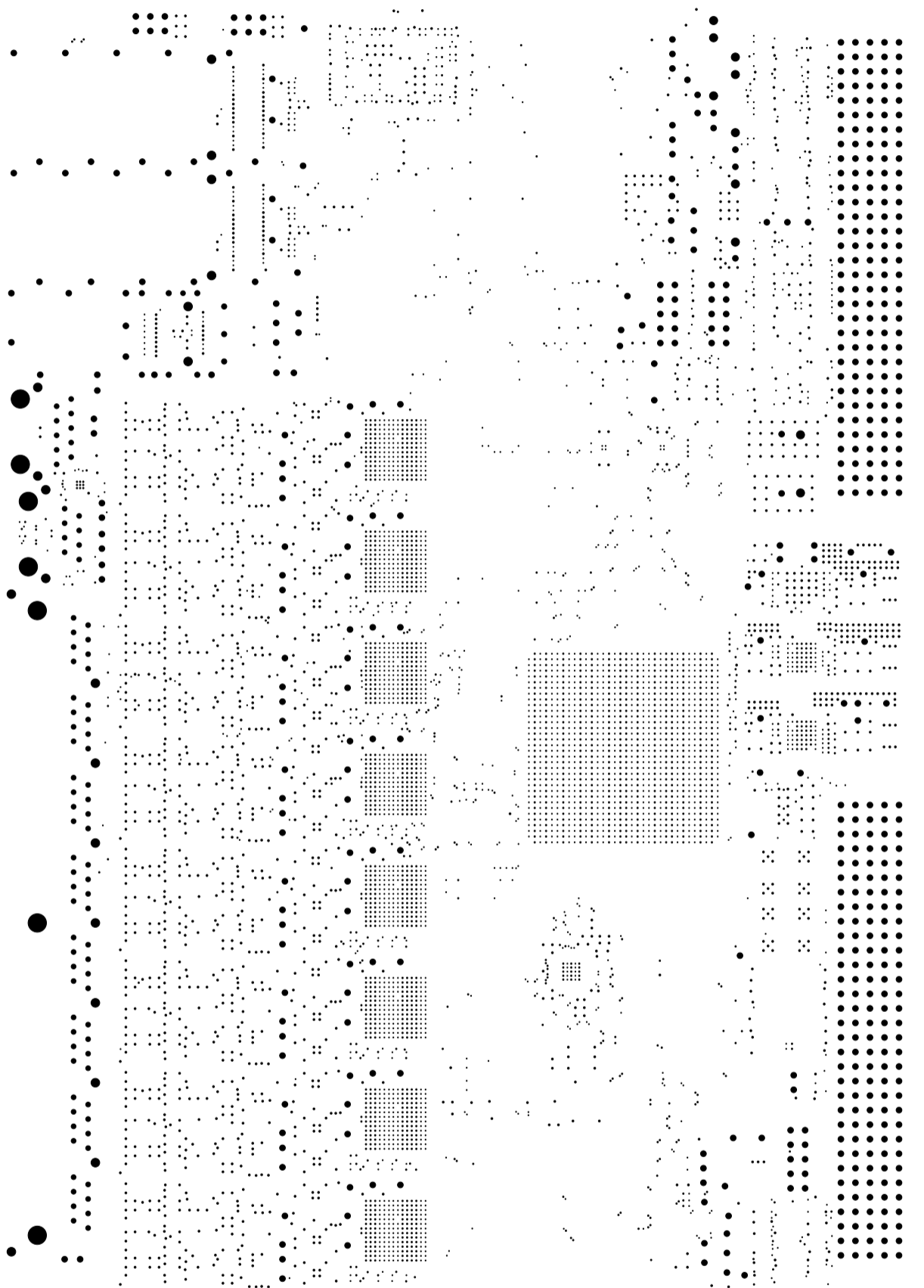
BOT PASTE

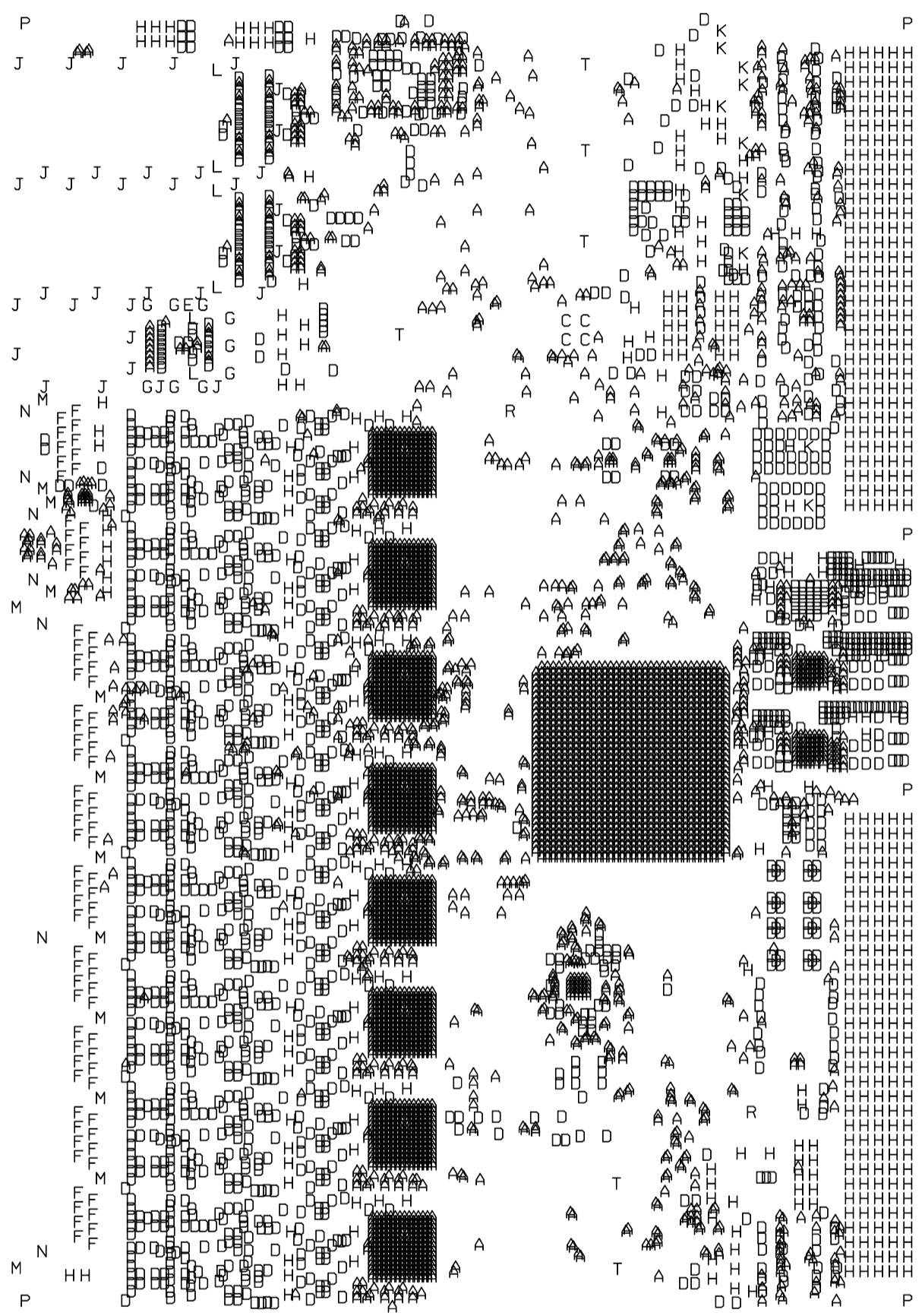


Mircea Bogdan The University of Chicago 16-Channel, 500MHz ADC Board

Assy Drawing #3005-B 8/2/2023







Through Holes						
Symbol	Diameter	Tolerance	Plated	Type	HoleName	Quantity
A	0.0090		Yes	Drill	Rnd 0.22860	4143
B	0.0091		Yes	Drill	Rnd 0.23114	2
C	0.0118		Yes	Drill	Rnd 0.3	4
D	0.0140		Yes	Drill	Rnd 0.35560	1912
E	0.0335		Yes	Drill	Rnd 0.85	1
F	0.0350		Yes	Drill	Rnd 0.889	82
G	0.0374		Yes	Drill	Rnd 0.95	9
H	0.0410		Yes	Drill	Rnd 1.0414	523
J	0.0413		Yes	Drill	Rnd 1.05	34
K	0.0570		Yes	Drill	Rnd 1.4478	10
L	0.0610		Yes	Drill	Rnd 1.55	6
M	0.0620		Yes	Drill	Rnd 1.5748	13
N	0.1200		Yes	Drill	Rnd 3.25	7
P	0.1060		No	Drill	Rnd 2.6924 Non-Plated	6
R	0.1260		No	Drill	Rnd 3.2 Non-Plated	2
T	0.1500		No	Drill	Rnd 3.81 Non-Plated	6