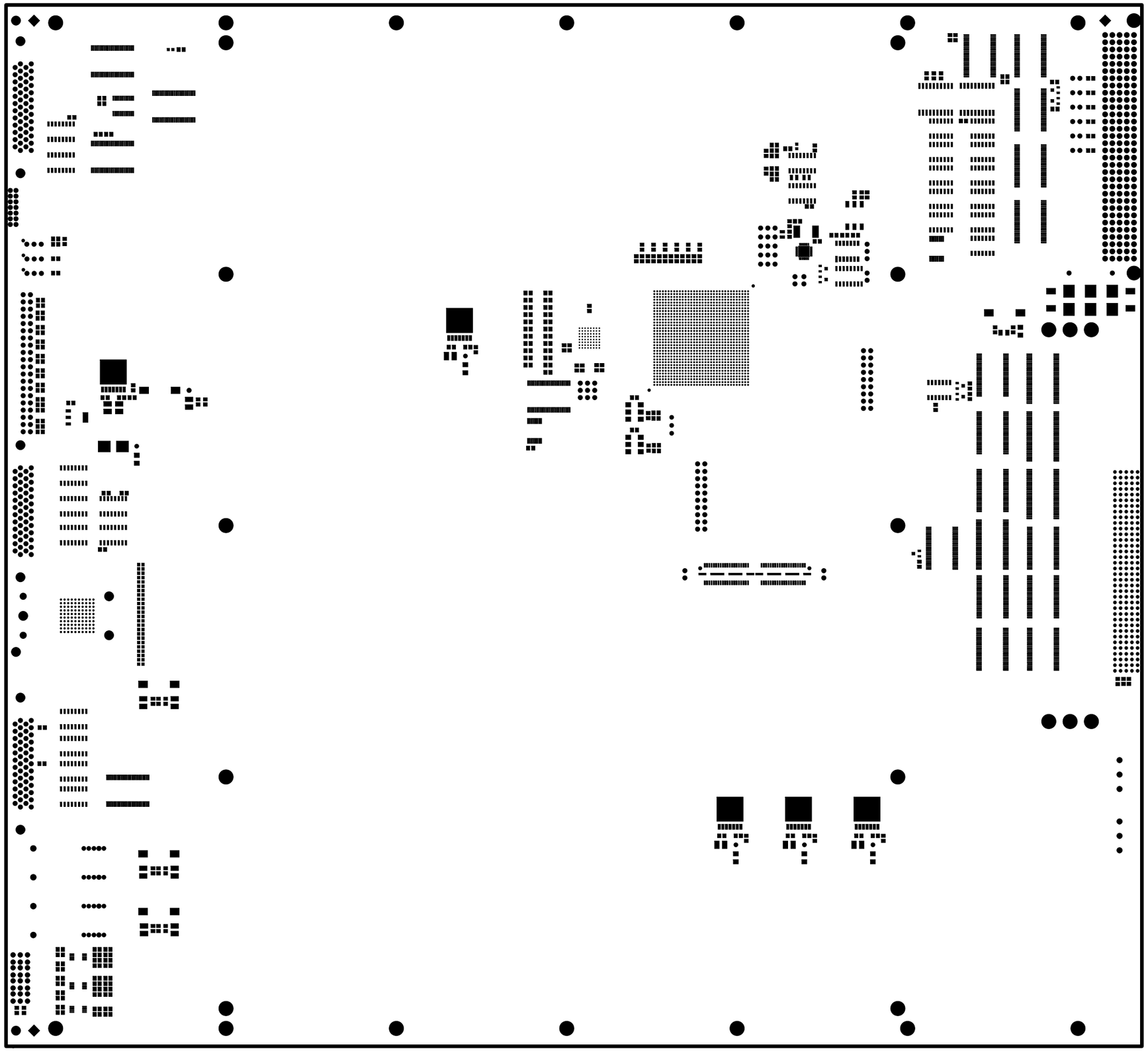
O-DMB
EDA-02415-V2

UCSB

EDA-02415-V2	INDICE	-
DESS	J.M. COMBE	
DATE	18/02/2013	

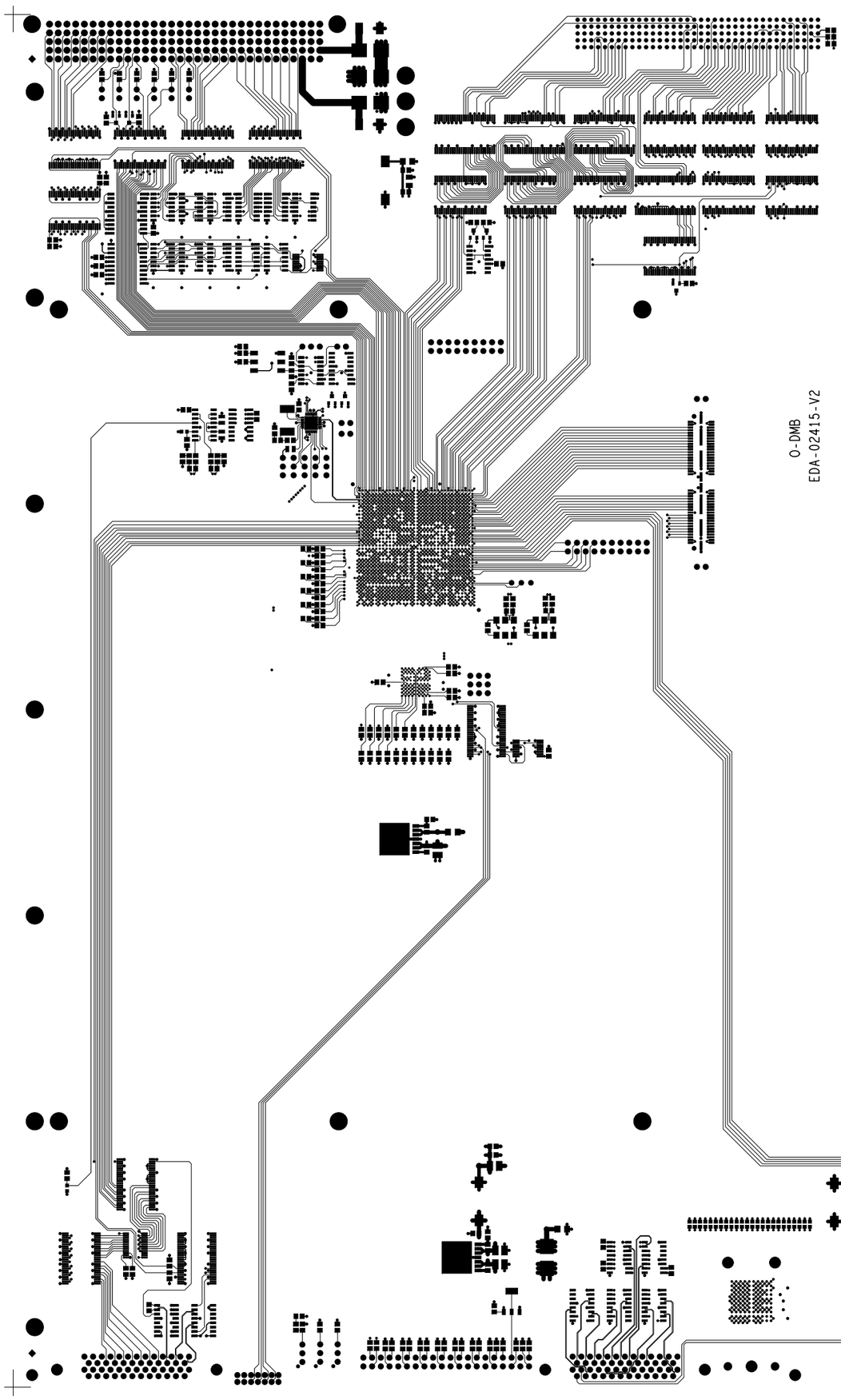
TOP SILKSCREEN

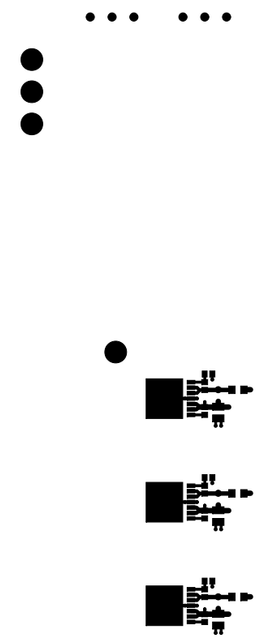
TE/MPE



CERN TE/MPE	EDA-02415-V2	INDICE -
	DESS J.M. COMBE	
	DATE 18/02/2013	

TOP SOLDERMASK





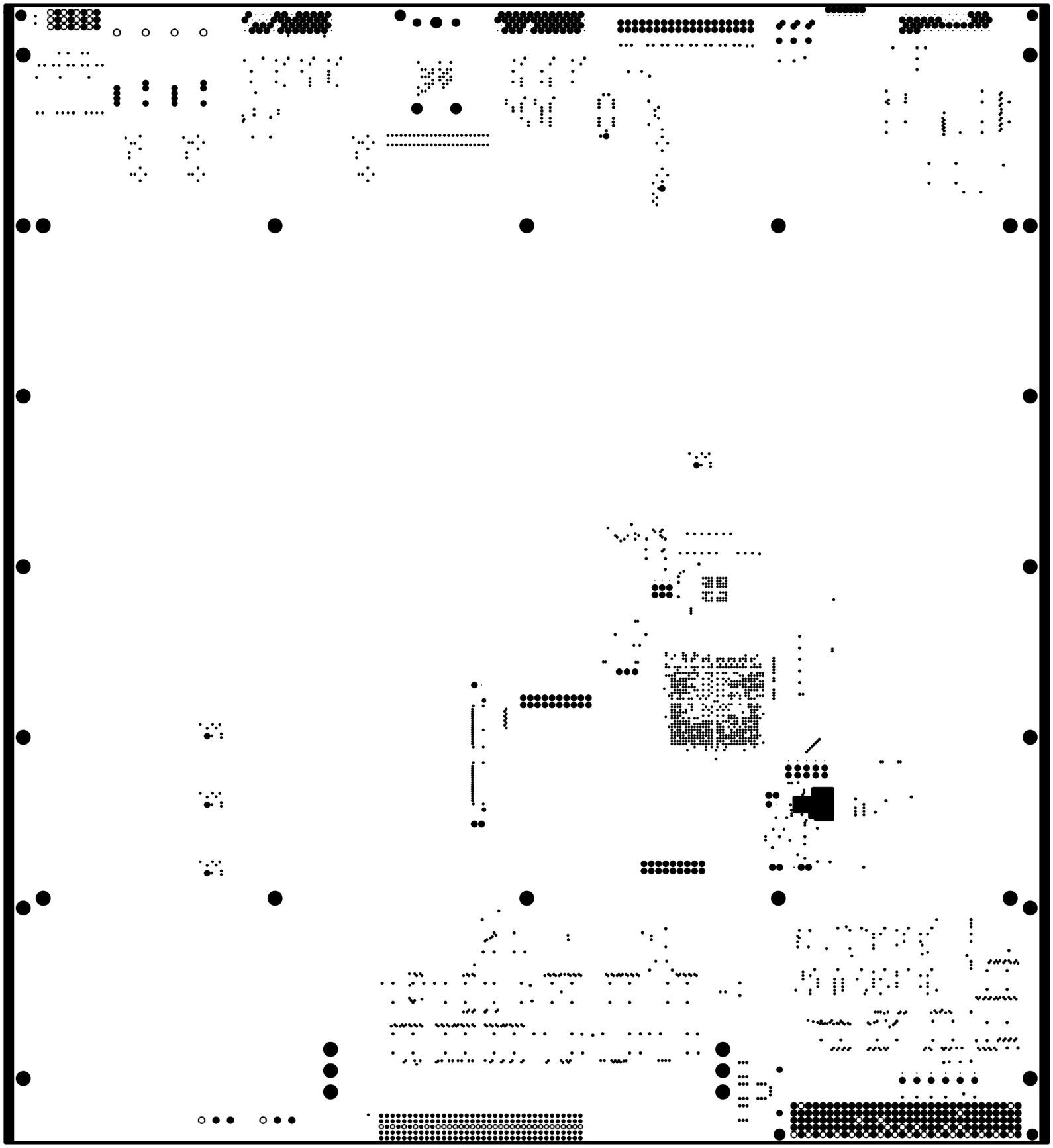
TOP

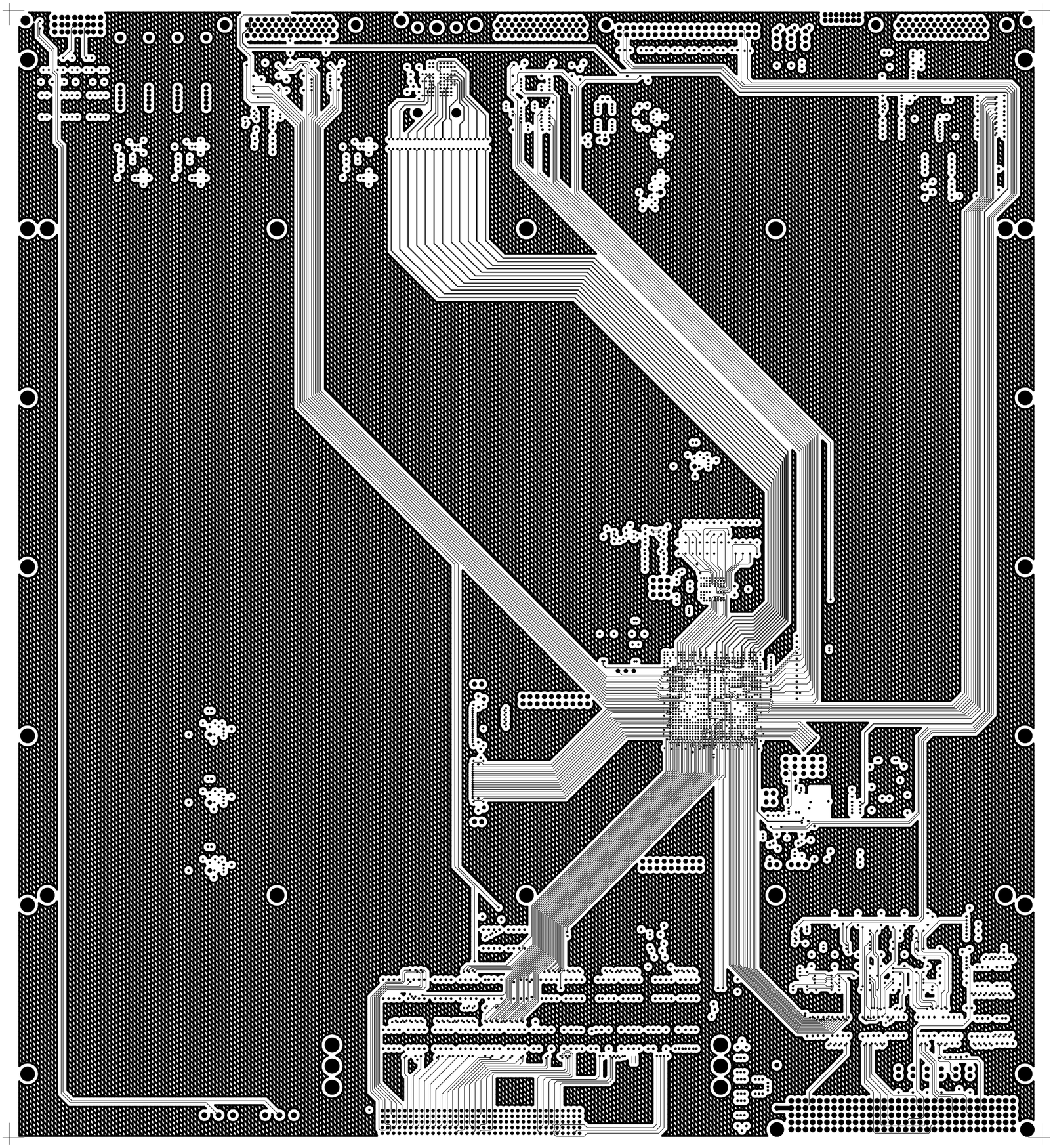
CERN	EDA-02415-V2	SHEET	-
	DESS	J.M. COMBE	
TE/MPE	DATE	18/02/2013	

TOP SIDE

1

EDA-01450-A03			-
DESD	J. M. COMBE		
DATE	18\05\2013		



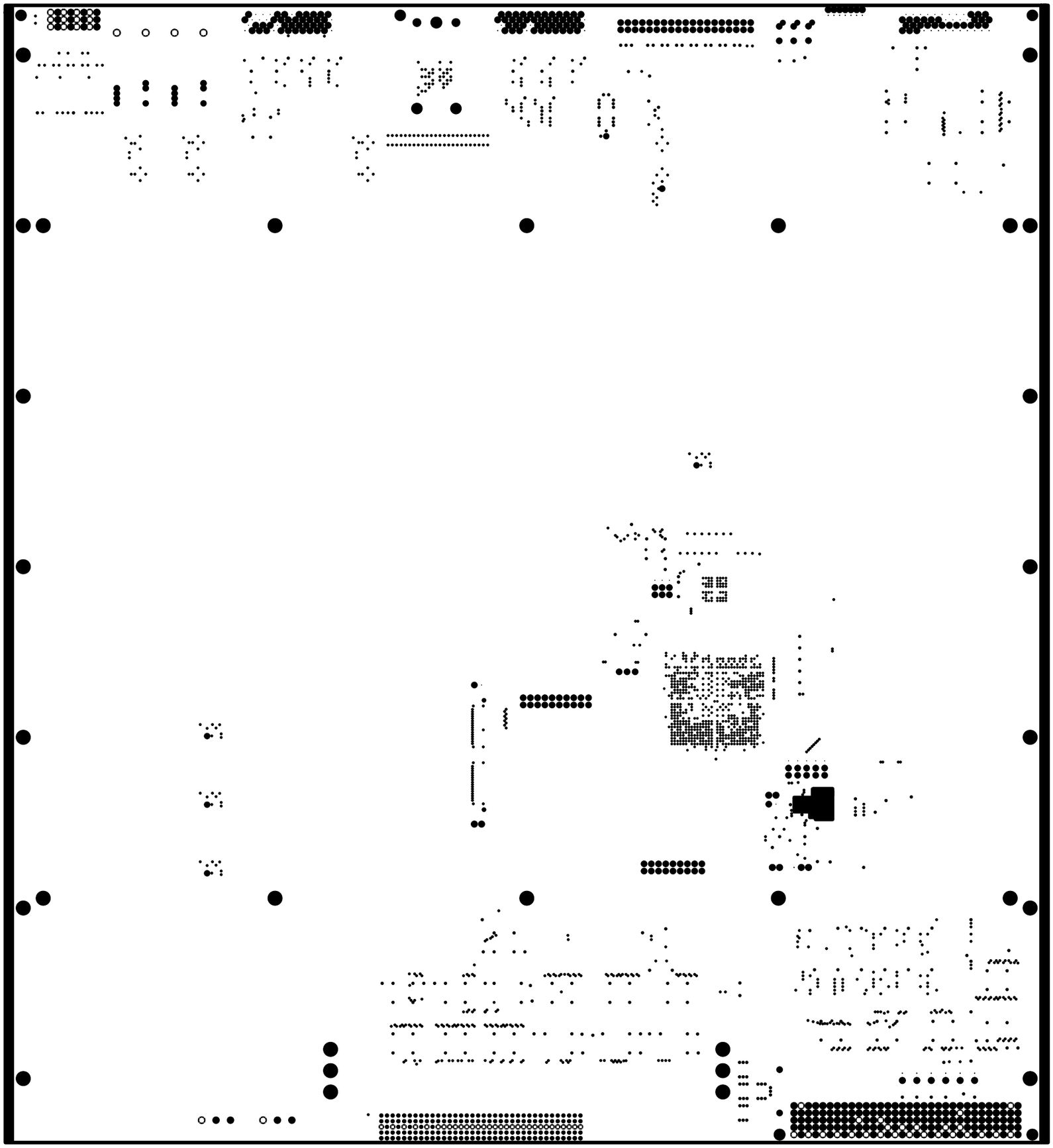


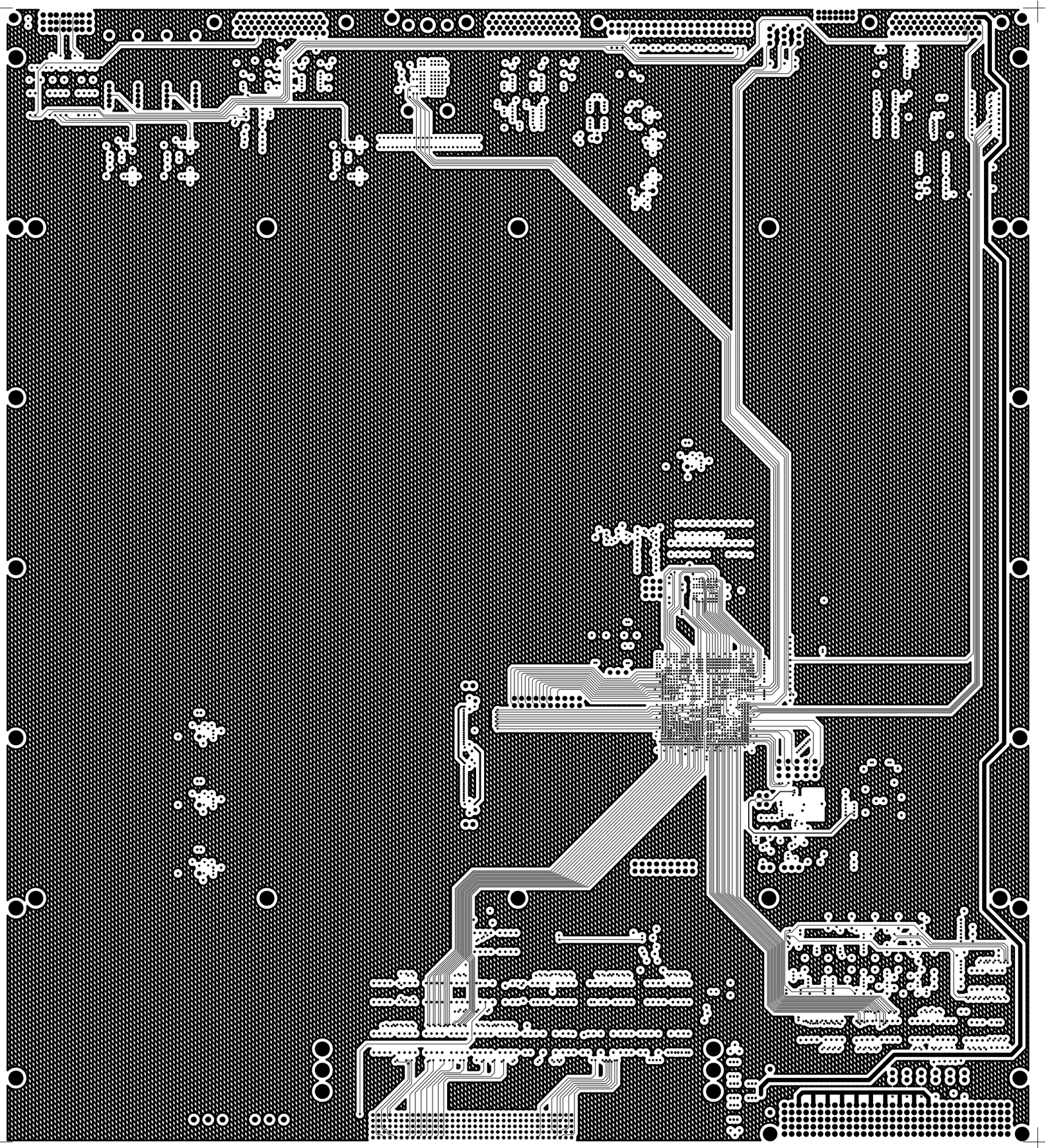
EDA-02415-V2	SHEET -
DESS J.M. COMBE	
DATE 18/02/2013	

CERN TE/MPE

LAYER 3

EDA-01420-A03			-
DES	J.M. COMBE		
DATE	18\05\2018		

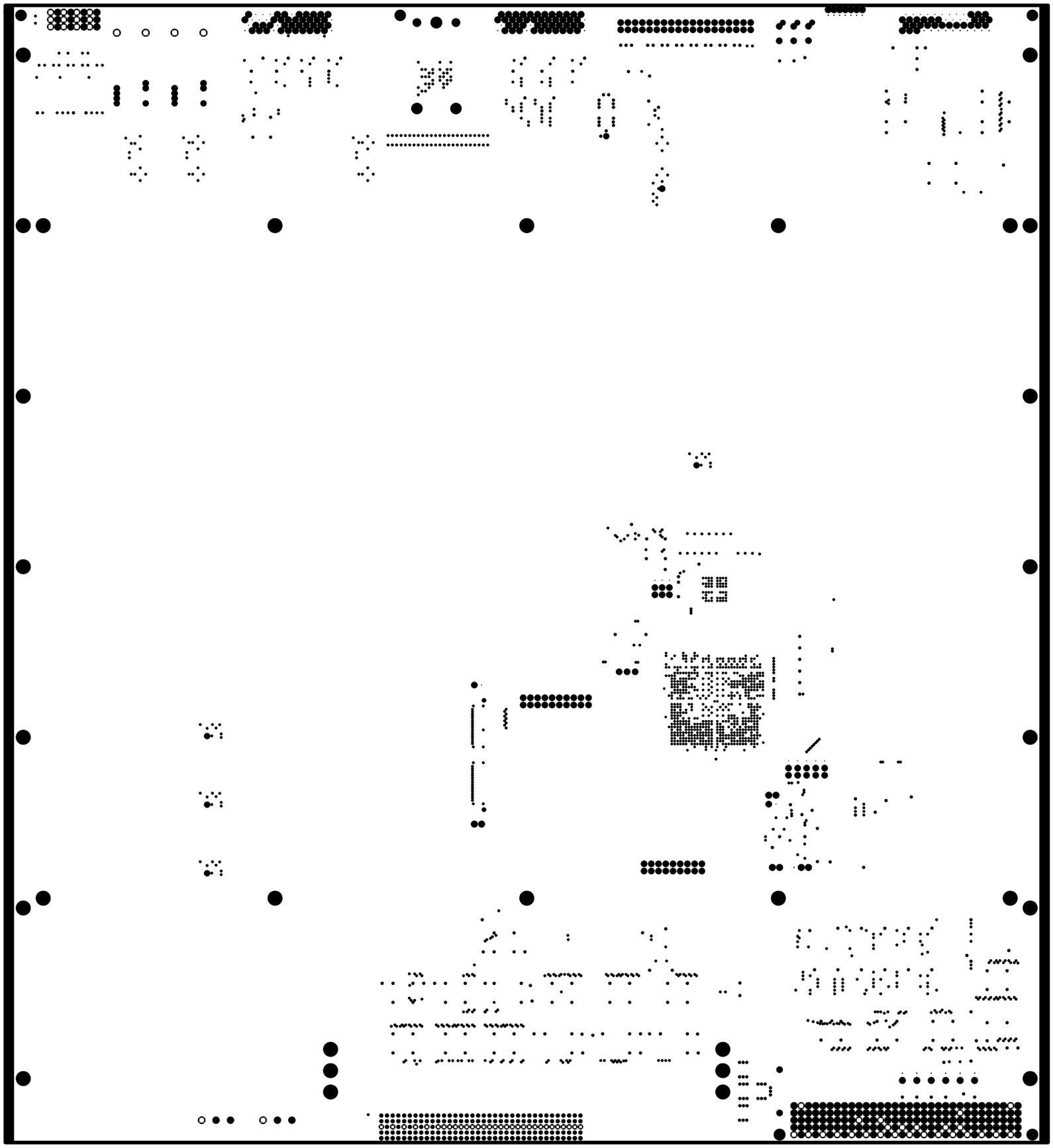


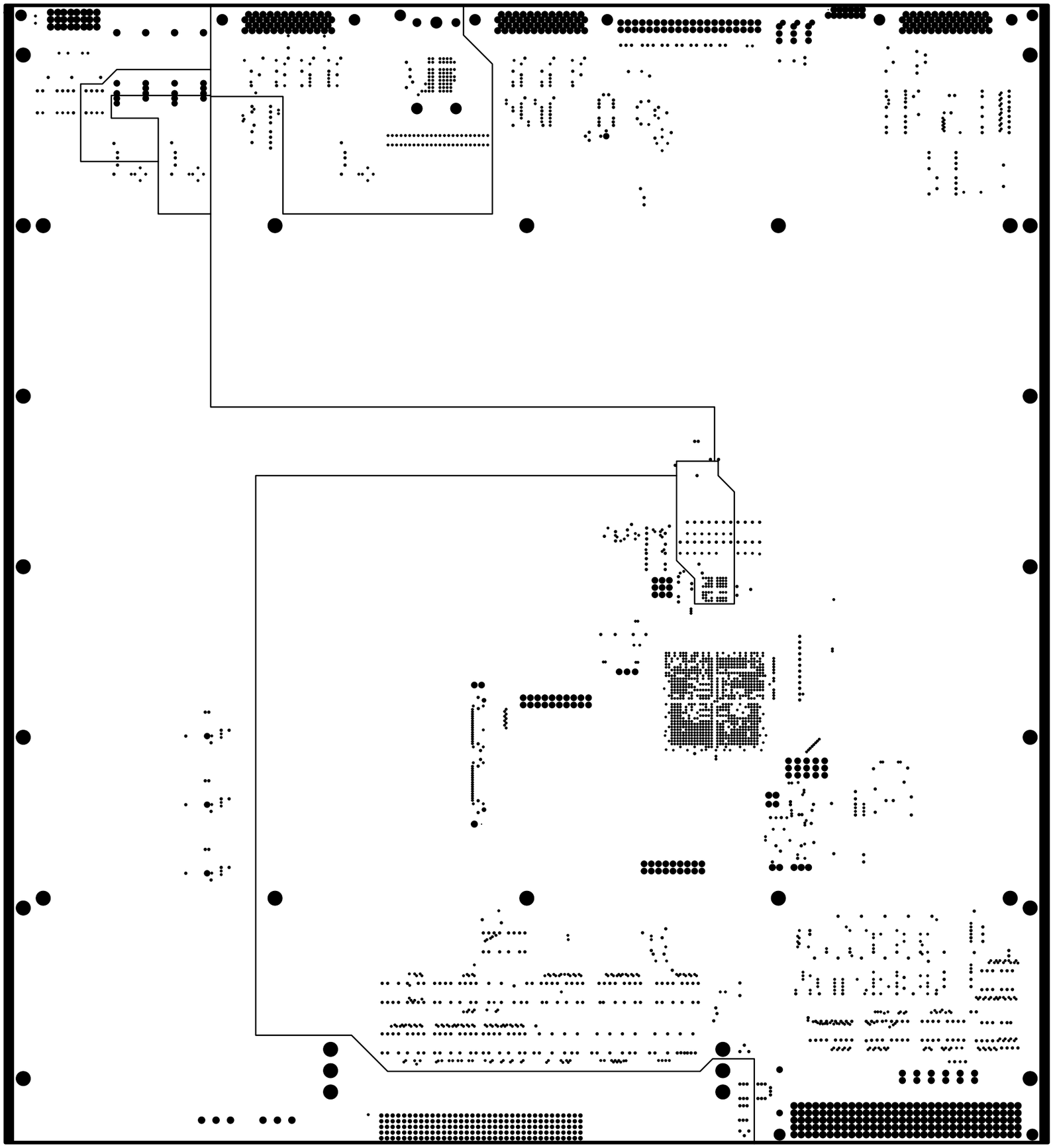


CERN	EDA-02415-V2	REVISION -
	DESS J.M. COMBE	
	DATE 18/02/2013	
TE/MPE		

LAYER 5

EDA-01420-A03			-
DES	J. M. COMBE		
DATE	18\05\2013		





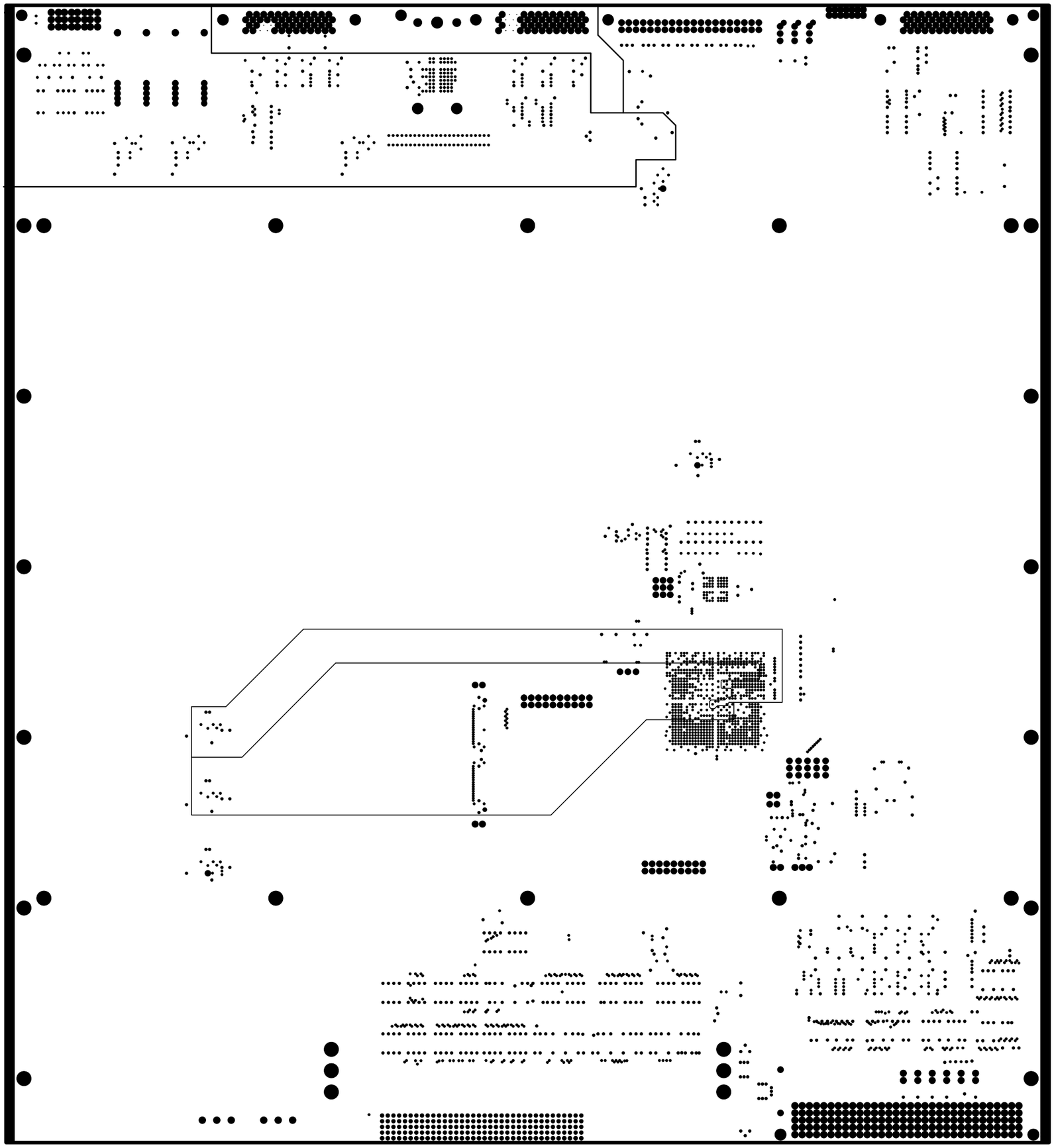
EDA-02415-V2	SHEET -
DESS	J.M. COMBE
DATE	18/02/2013

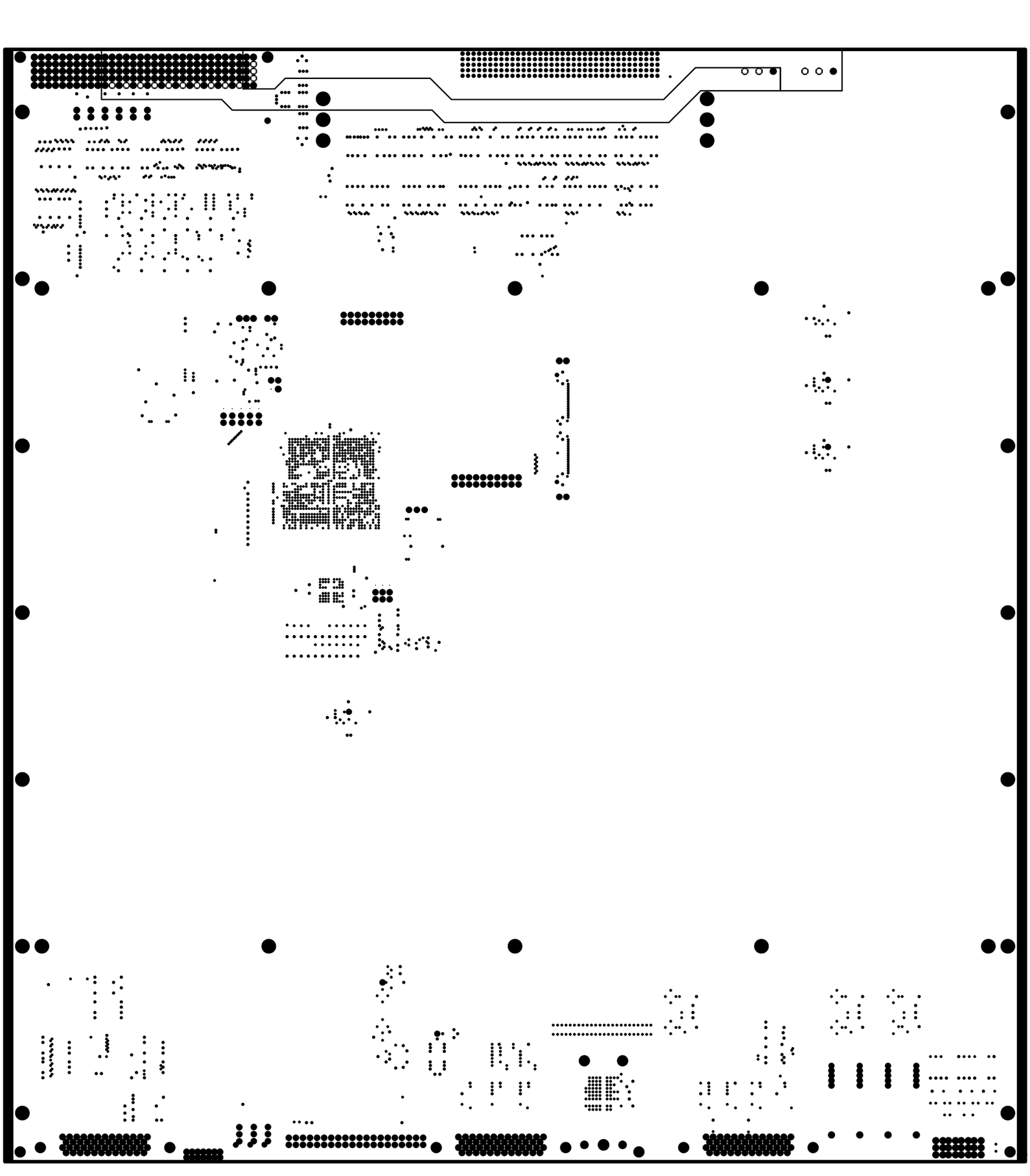
CERN
TE/MPE

						7		

POWER PLANE

EDA-0S4I2-SV			-
DE22	J.M. COMBE		
DATE	18\05\2018		





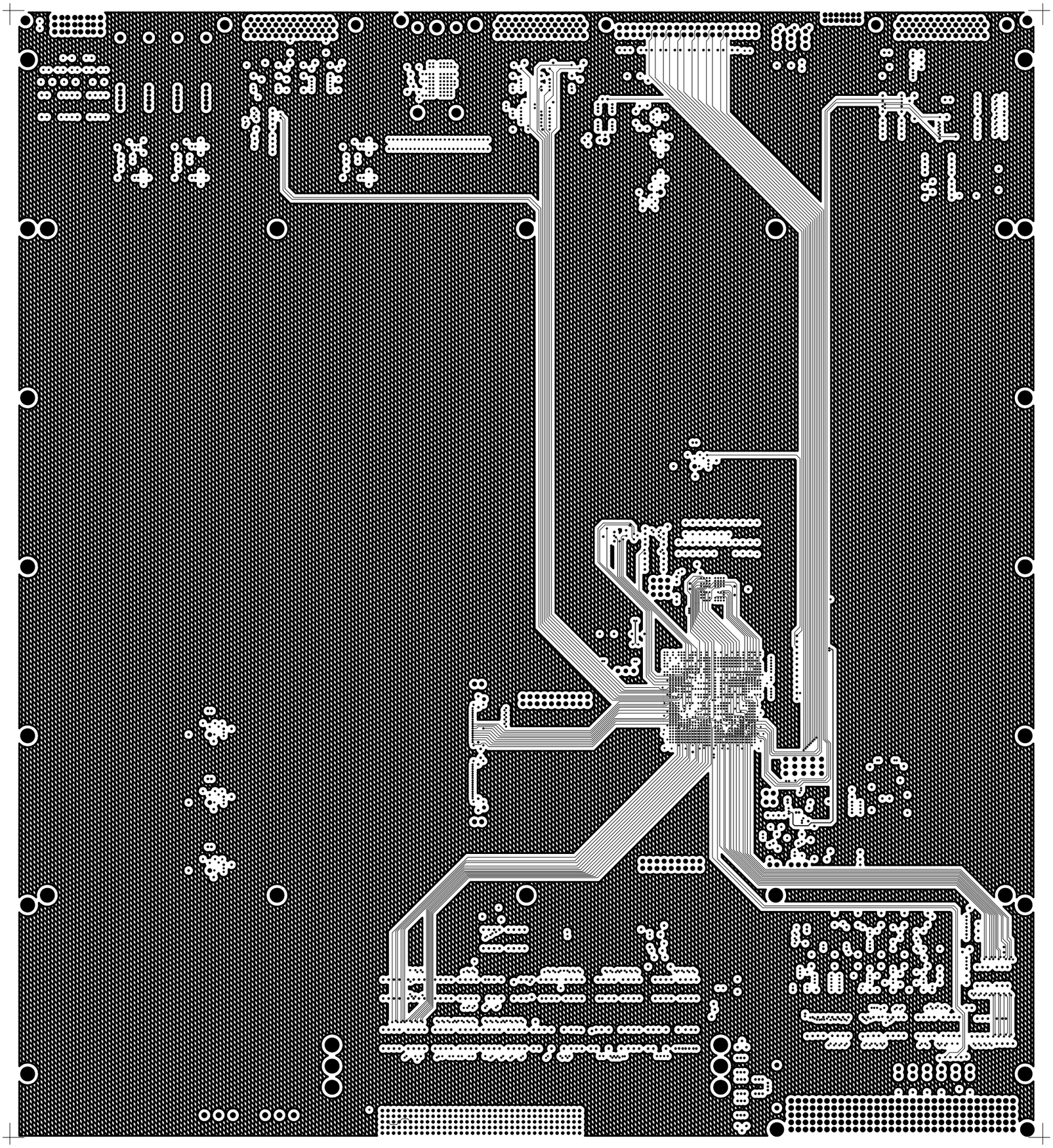
CERN	EDA-02415-V2	SHEET	-
	DESS	J.M. COMBE	
TE/MPE	DATE	18/02/2013	

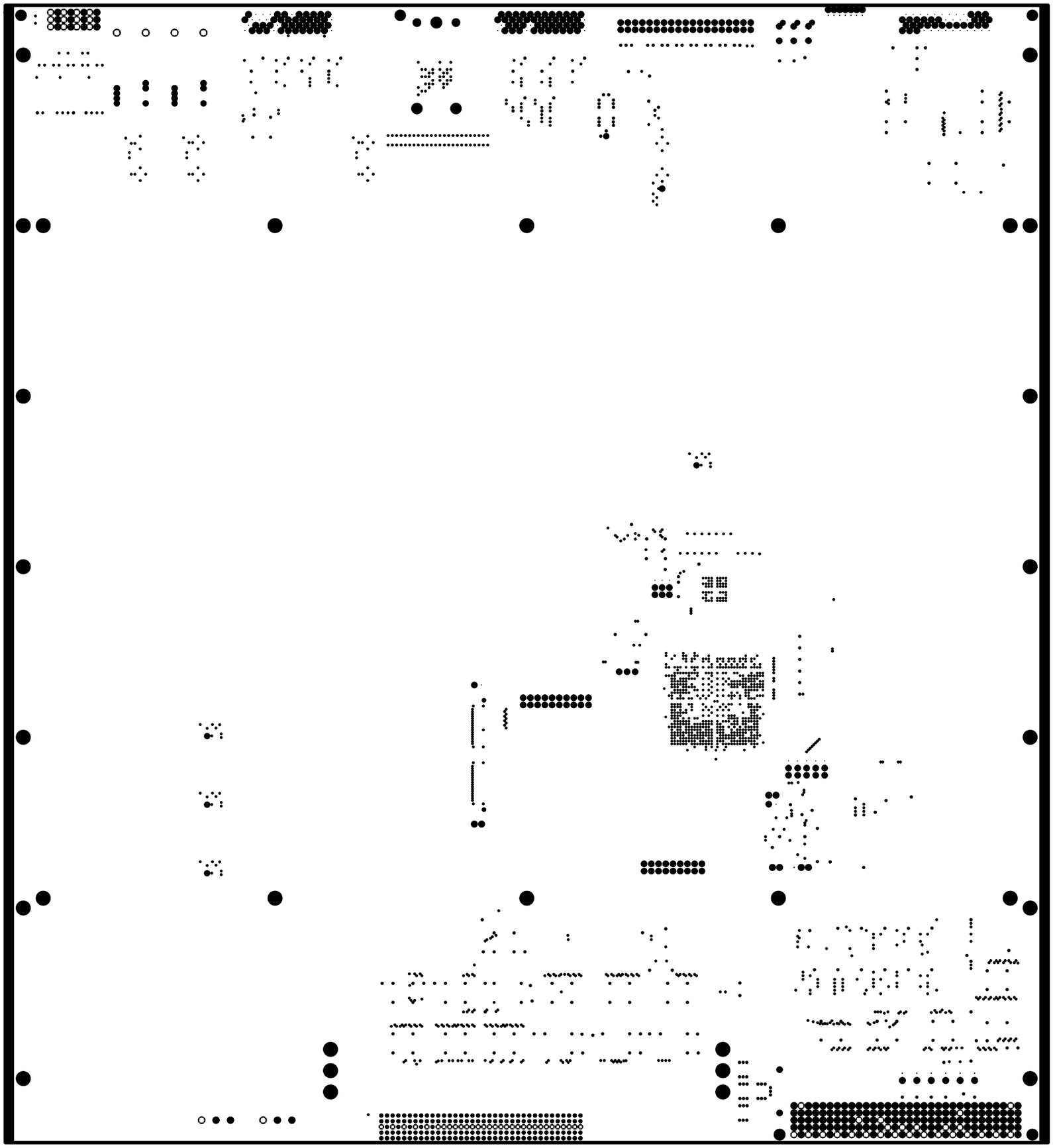
								9	

POWER PLANE

								01	LAYER 10

	DATE	18\05\2013
	DESD	L.M. COMBE
		EDA-01420-V3/S

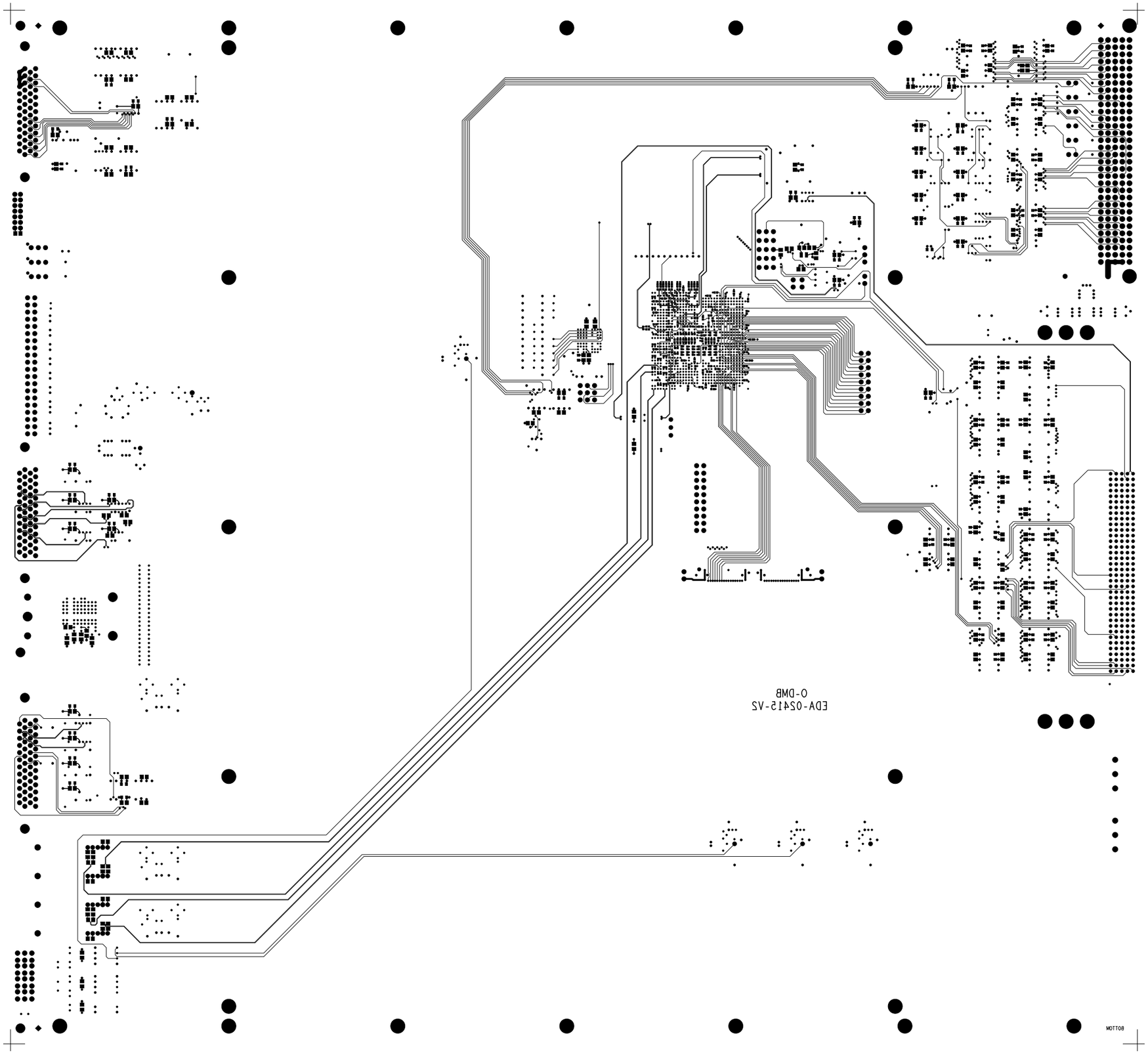




CERN	
EDA-02415-V2	SHEET -
DESS J.M. COMBE	
DATE 18/02/2013	
TE/MPE	

										11	

GROUND PLANE



O-DMB
EDA-02415-V2

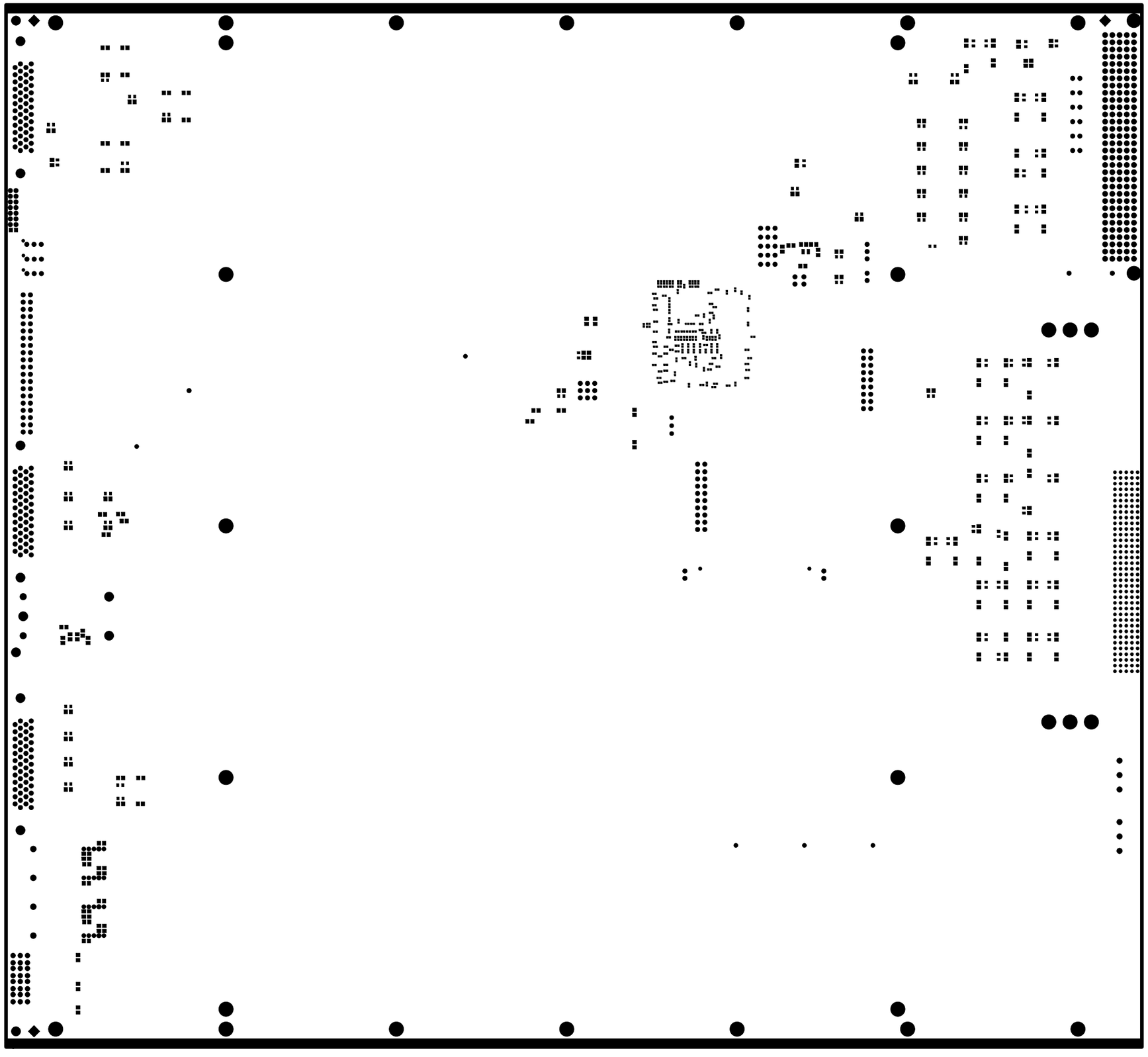
BOTTOM

SHEET	-	EDA-02415-V2	
		DESS	J.M. COMBE
		DATE	18\02\2013

TE\MPE

BOTTOM SIDE

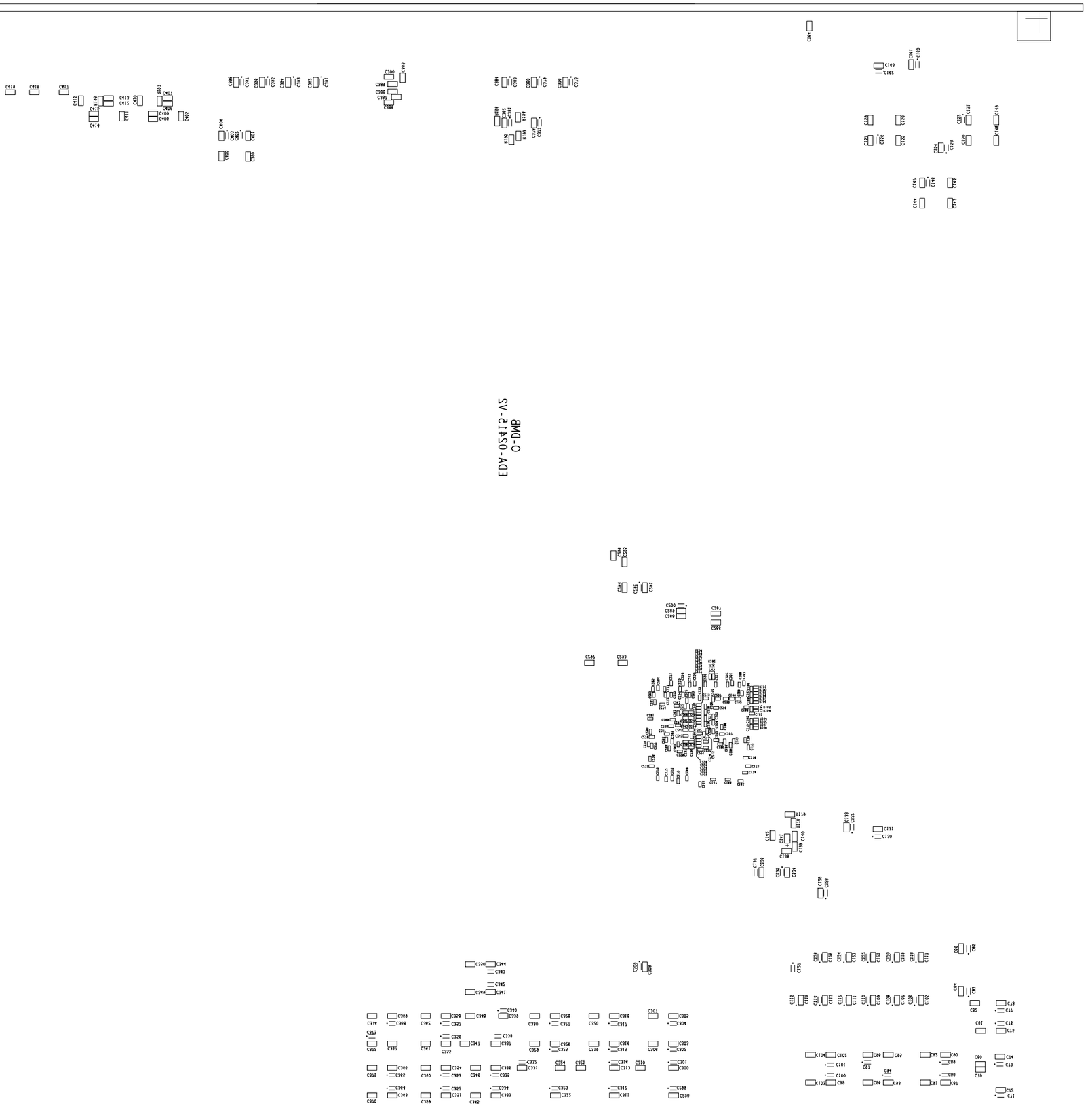
											12

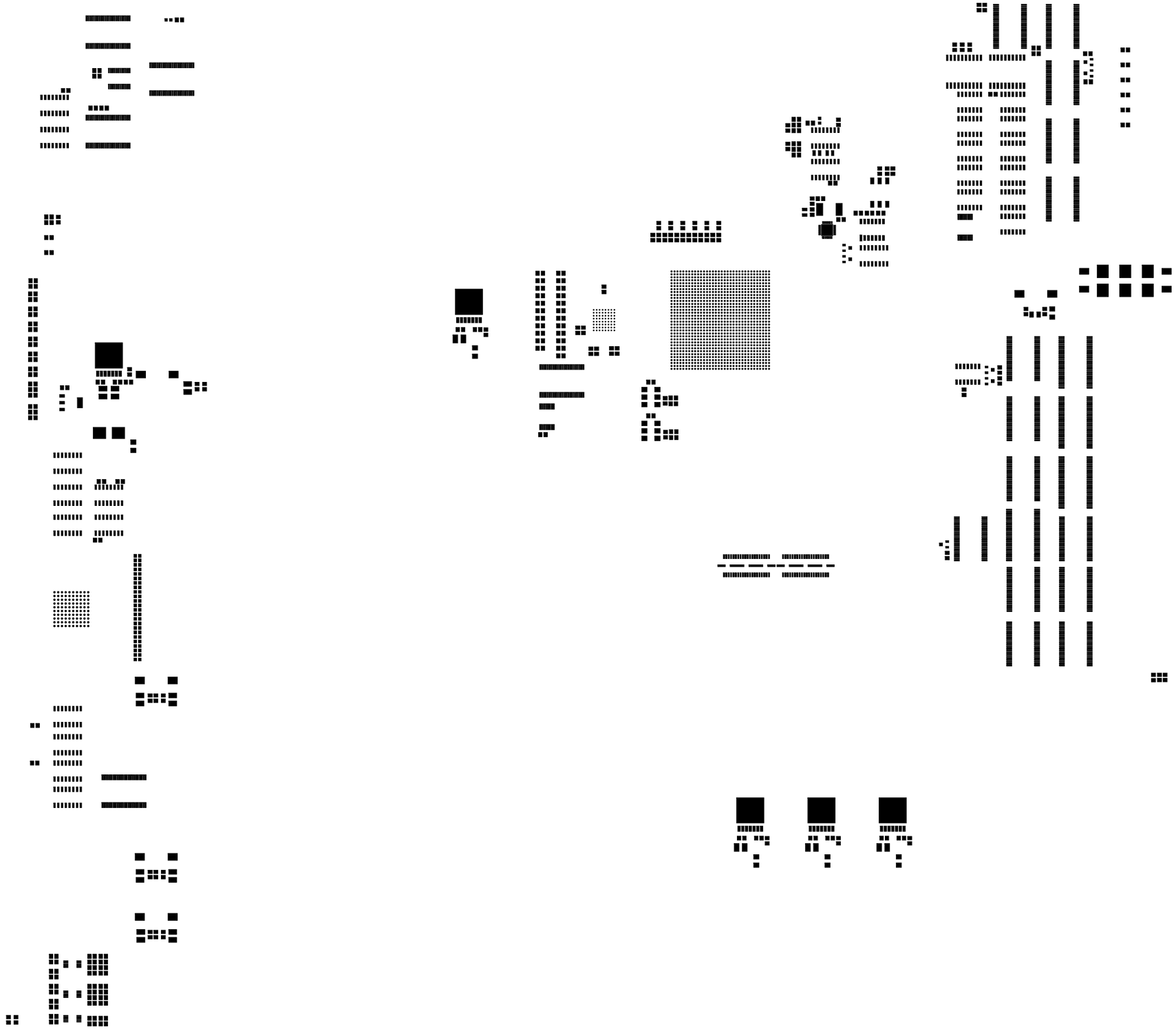


BOTTOM SOLDERMASK

TE\MPE	EDA-02415-V2	-
DESS	J.M. COMBE	
DATE	18\02\2013	

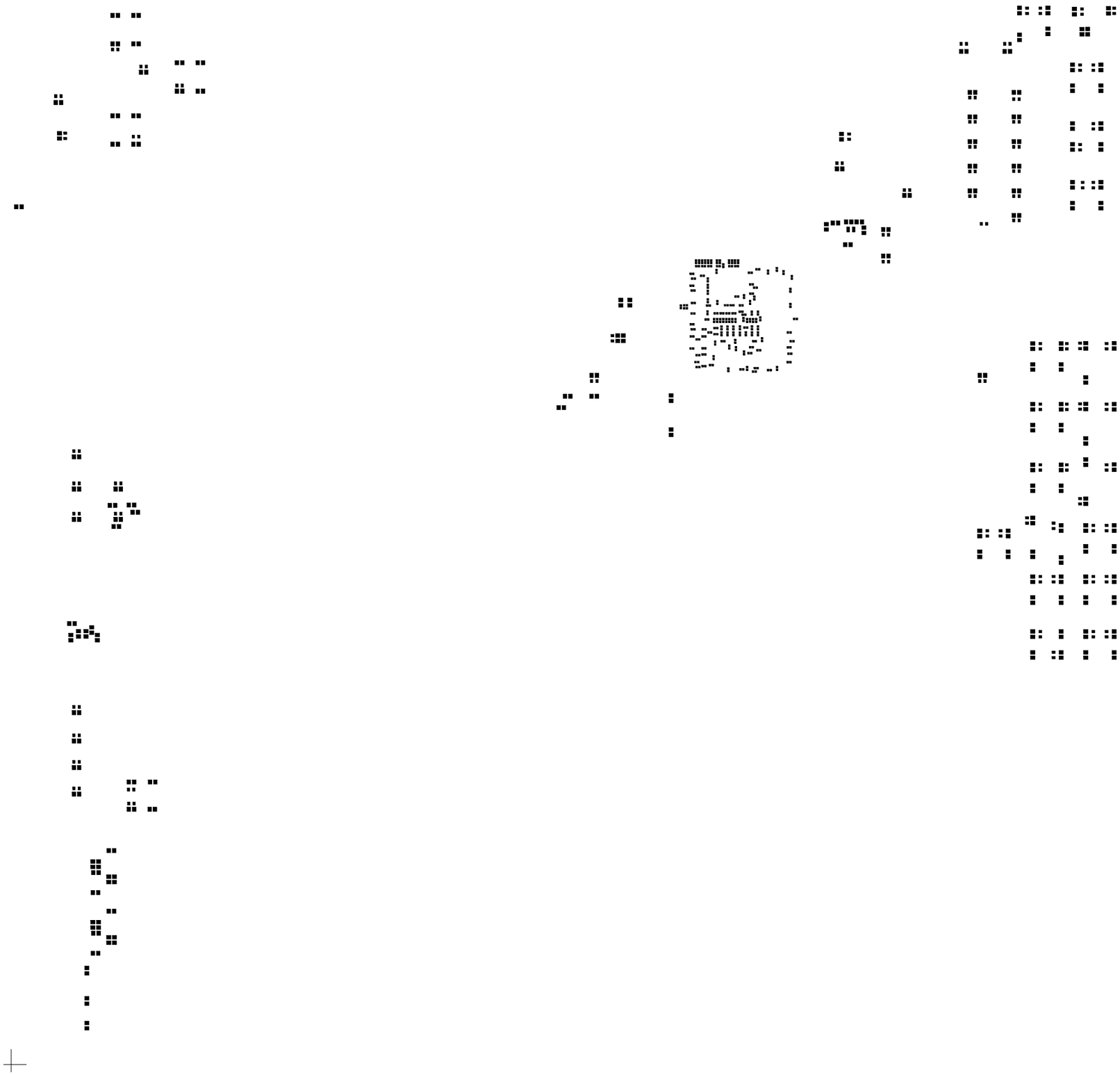
EDA-0SA12-AS
O-DMB





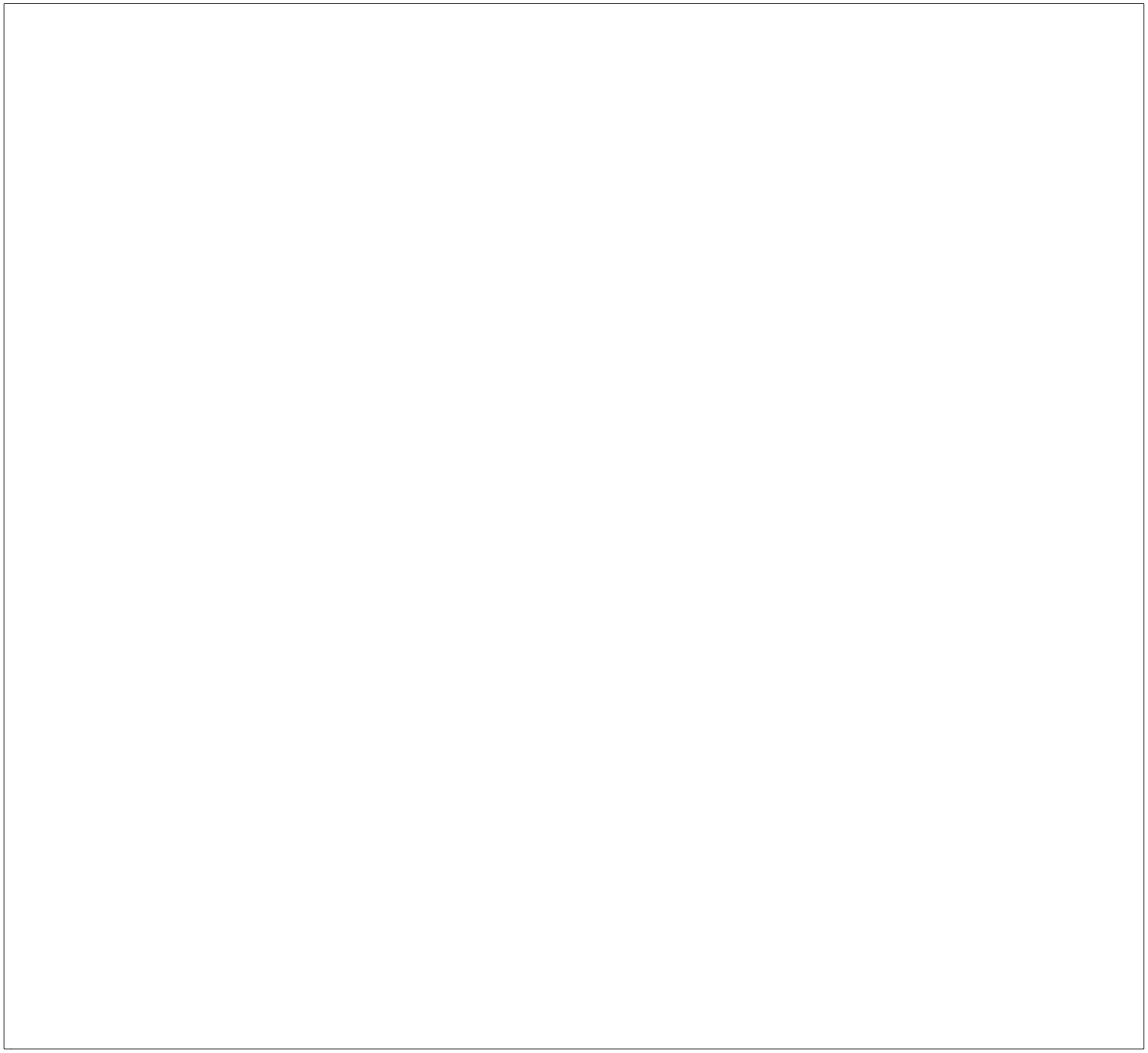
TOP PASTEMASK

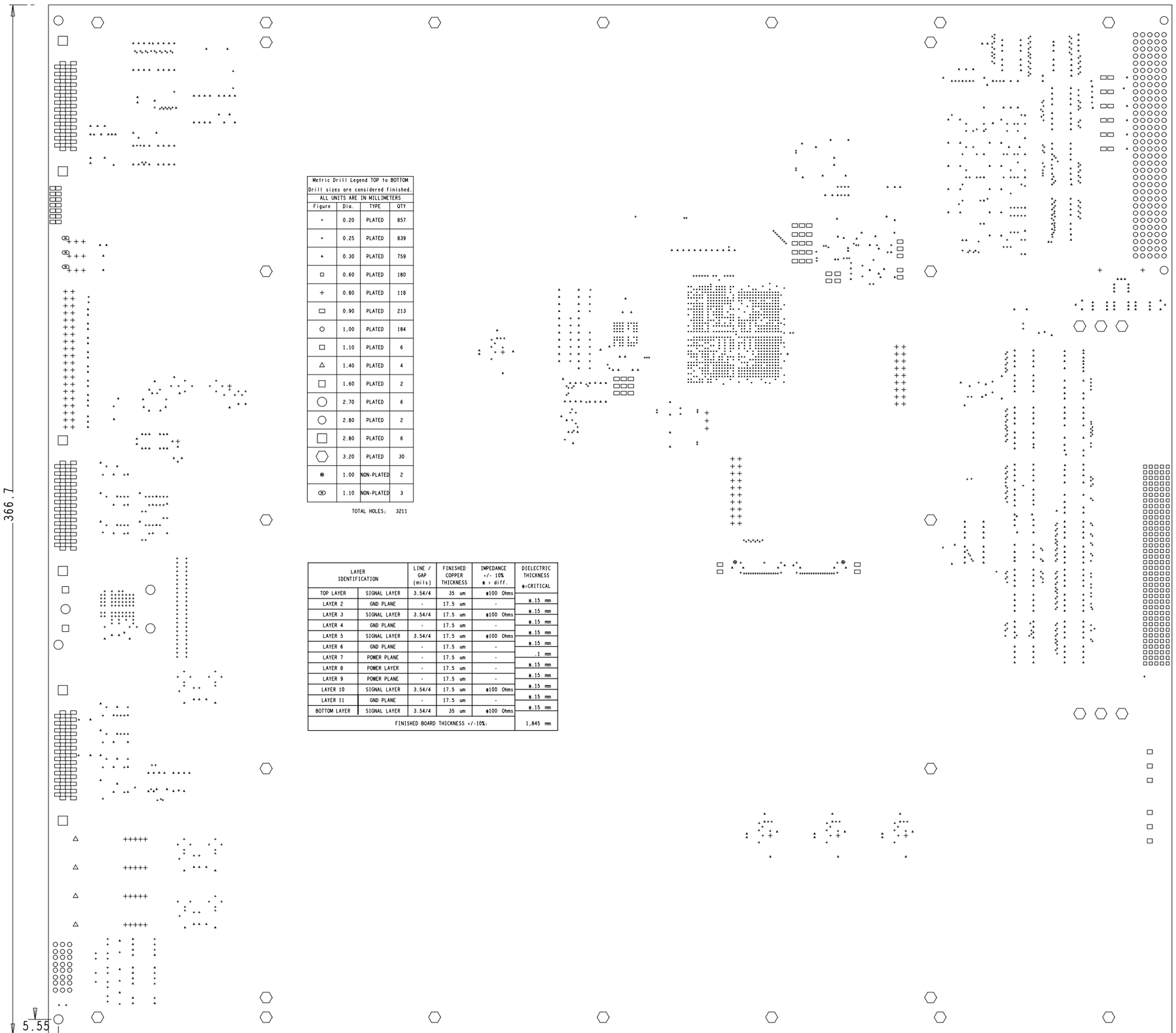
CERN TE/MPE	EDA-02415-V2	INDICE -
	DESS J.M. COMBE	
	DATE 18/02/2013	



BOTTOM PASTEMASK

TE\MPE	EDA-02415-V2	-
DATE 18\02\2013	DESS J.M. COMBE	





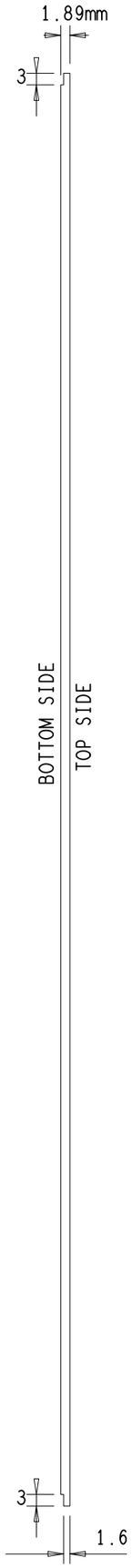
Metric Drill Legend TOP to BOTTOM
Drill sizes are considered finished.
ALL UNITS ARE IN MILLIMETERS

Figure	Dia.	TYPE	QTY
·	0.20	PLATED	857
+	0.25	PLATED	839
▲	0.30	PLATED	759
□	0.60	PLATED	180
+	0.80	PLATED	118
▭	0.90	PLATED	213
○	1.00	PLATED	184
□	1.10	PLATED	6
△	1.40	PLATED	4
□	1.60	PLATED	2
◯	2.70	PLATED	6
○	2.80	PLATED	2
□	2.80	PLATED	6
⬡	3.20	PLATED	30
⊕	1.00	NON-PLATED	2
⊗	1.10	NON-PLATED	3

TOTAL HOLES: 3211

LAYER IDENTIFICATION		LINE / GAP (mils)	FINISHED COPPER THICKNESS	IMPEDANCE +/- 10% ✱ = diff.	DIELECTRIC THICKNESS ✱=CRITICAL
TOP LAYER	SIGNAL LAYER	3.54/4	35 um	✱100 Ohms	
LAYER 2	GND PLANE	-	17.5 um	-	✱.15 mm
LAYER 3	SIGNAL LAYER	3.54/4	17.5 um	✱100 Ohms	✱.15 mm
LAYER 4	GND PLANE	-	17.5 um	-	✱.15 mm
LAYER 5	SIGNAL LAYER	3.54/4	17.5 um	✱100 Ohms	✱.15 mm
LAYER 6	GND PLANE	-	17.5 um	-	.1 mm
LAYER 7	POWER PLANE	-	17.5 um	-	✱.15 mm
LAYER 8	POWER LAYER	-	17.5 um	-	✱.15 mm
LAYER 9	POWER PLANE	-	17.5 um	-	✱.15 mm
LAYER 10	SIGNAL LAYER	3.54/4	17.5 um	✱100 Ohms	✱.15 mm
LAYER 11	GND PLANE	-	17.5 um	-	✱.15 mm
BOTTOM LAYER	SIGNAL LAYER	3.54/4	35 um	✱100 Ohms	
FINISHED BOARD THICKNESS +/-10%:					1.845 mm

CERN TE/MPE	EDA-02415-V2	INDICE -
	DESS	J.M. COMBE
	DATE	18/02/2013



MILLING ON BOTTOM SIDE OVER 3mm HIGH
TO GET 1.6mm (EUROPE VME NORM)