Fermilab
DFE UPGRADE BACKPLANE

SLOT 1 CRATE CONTROLLER | SLOT 2 R4S2 | SLOT 3 R4S3 | SLOT 4 R4S4 | SLOT 5 R4S5 | SLOT 6 R4S6 | SLOT 7 R4S7 | SLOT 8 R4S8 | SLOT 9 R4S9 | SLOT 10 R4S10 | SLOT 11 R4S11 | SLOT 12 R4S12 | SLOT 13 R4S13 | SLOT 14 R4S14 | SLOT 15 R4S15 | SLOT 16 R4S16 | SLOT 17 R4S17 | SLOT 18 R4S18 | SLOT 19 R4S19 | SLOT 20 R4S20 | SLOT 21 R4S21

P2S1

R3S2 R3S3 R3S4 R3S5 R3S6 R3S7 R3S8 R3S9 R3S10 R3S11 R3S12 R3S13 R3S14 R3S15 R3S16 R3S17 R3S18 R3S19 R3S20 R3S21

SER NO:

ELMA bustronic FREMONT, CA 94538

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REV

ASSY 2900001307–

P1S1

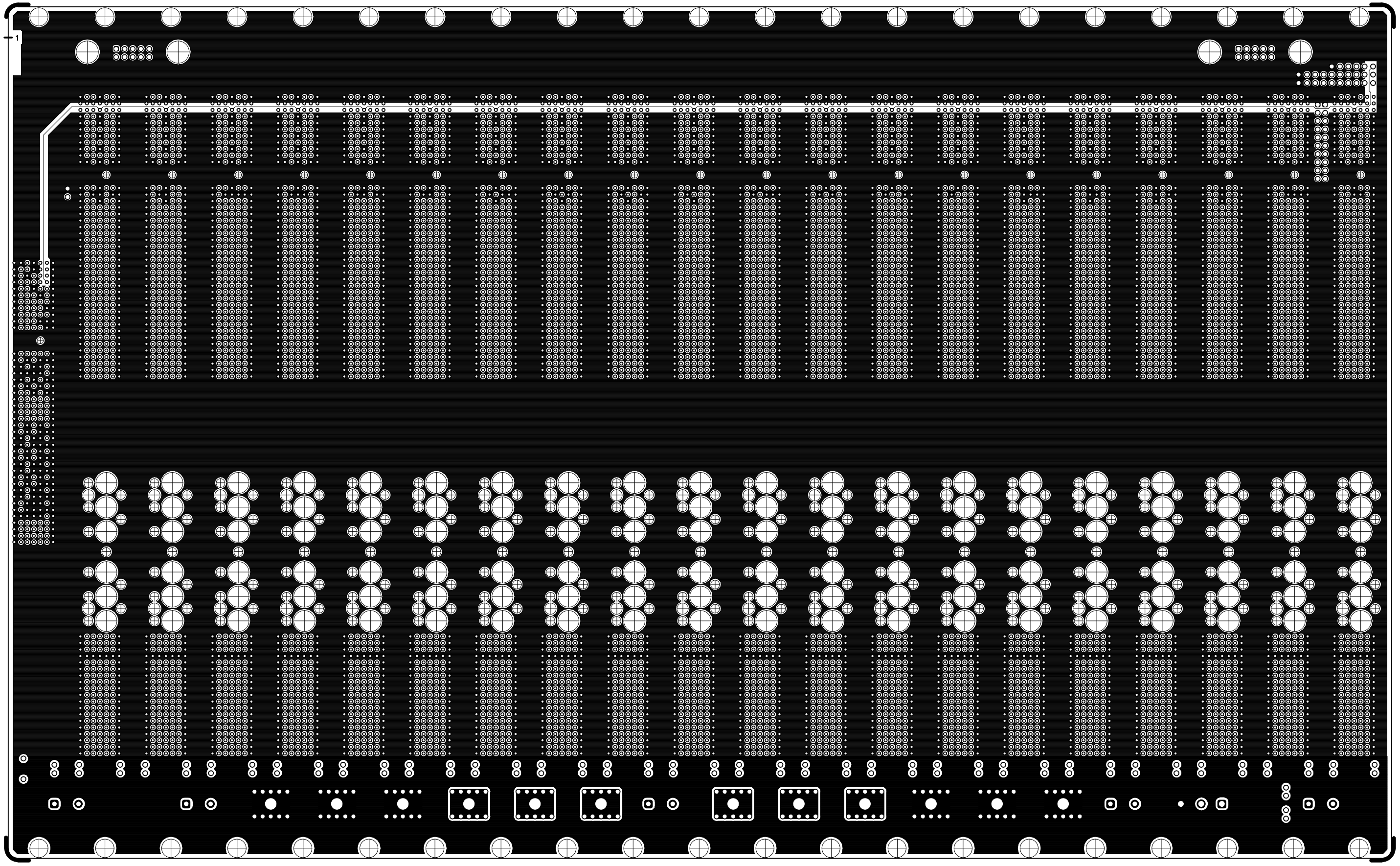
R2S2 R2S3 R2S4 R2S5 R2S6 R2S7 R2S8 R2S9 R2S10 R2S11 R2S12 R2S13 R2S14 R2S15 R2S16 R2S17 R2S18 R2S19 R2S20 R2S21

R1S2 R1S3 R1S4 R1S5 R1S6 R1S7 R1S8 R1S9 R1S10 R1S11 R1S12 R1S13 R1S14 R1S15 R1S16 R1S17 R1S18 R1S19 R1S20 R1S21

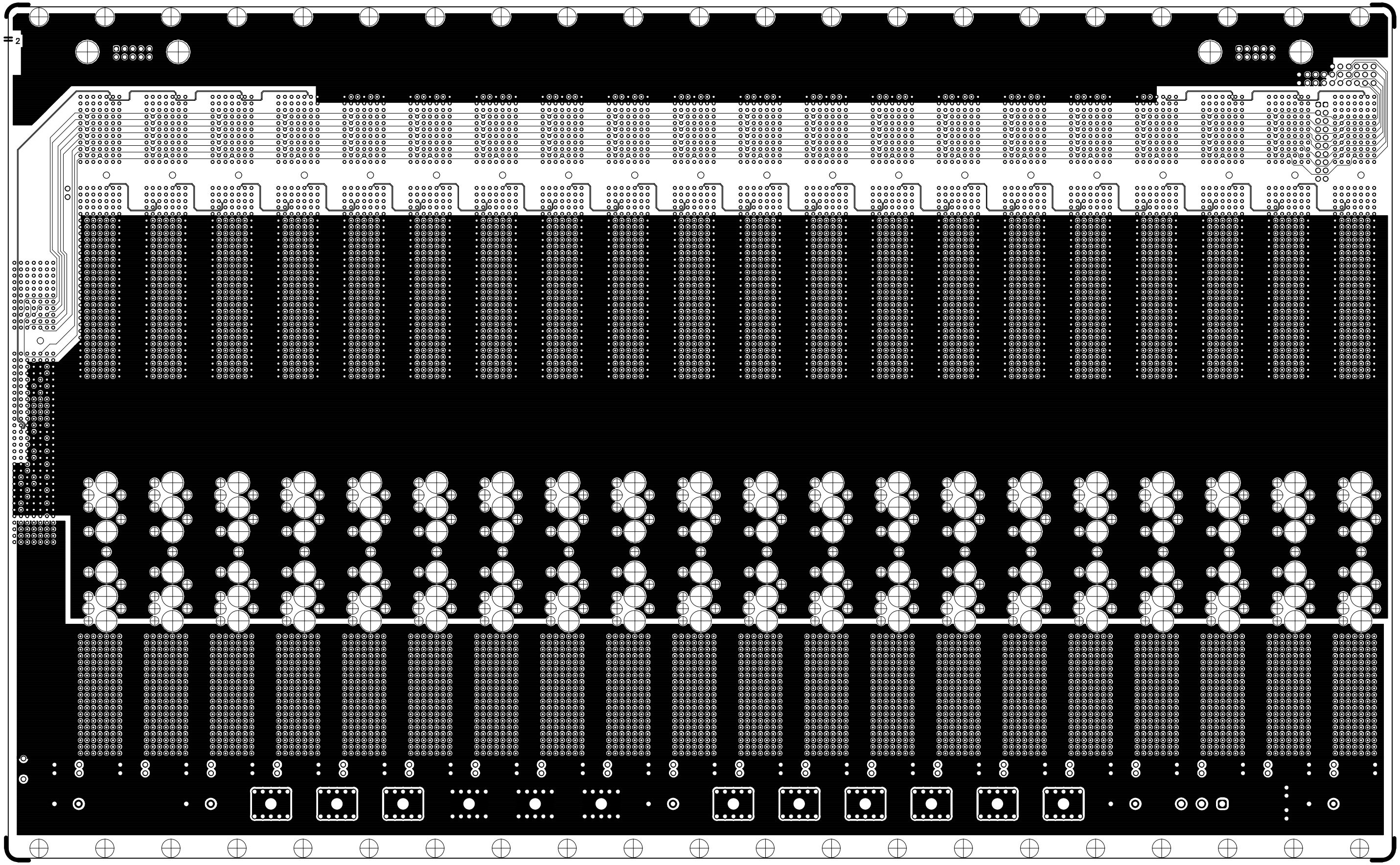
P1 P2 P3 P4 P5 P6 P7 P8 P9 P10 P11 P12

GND GND GND +48VDC +48VDC +48VDC +48VDC_RET +48VDC_RET –48VDC_RET GND GND GND

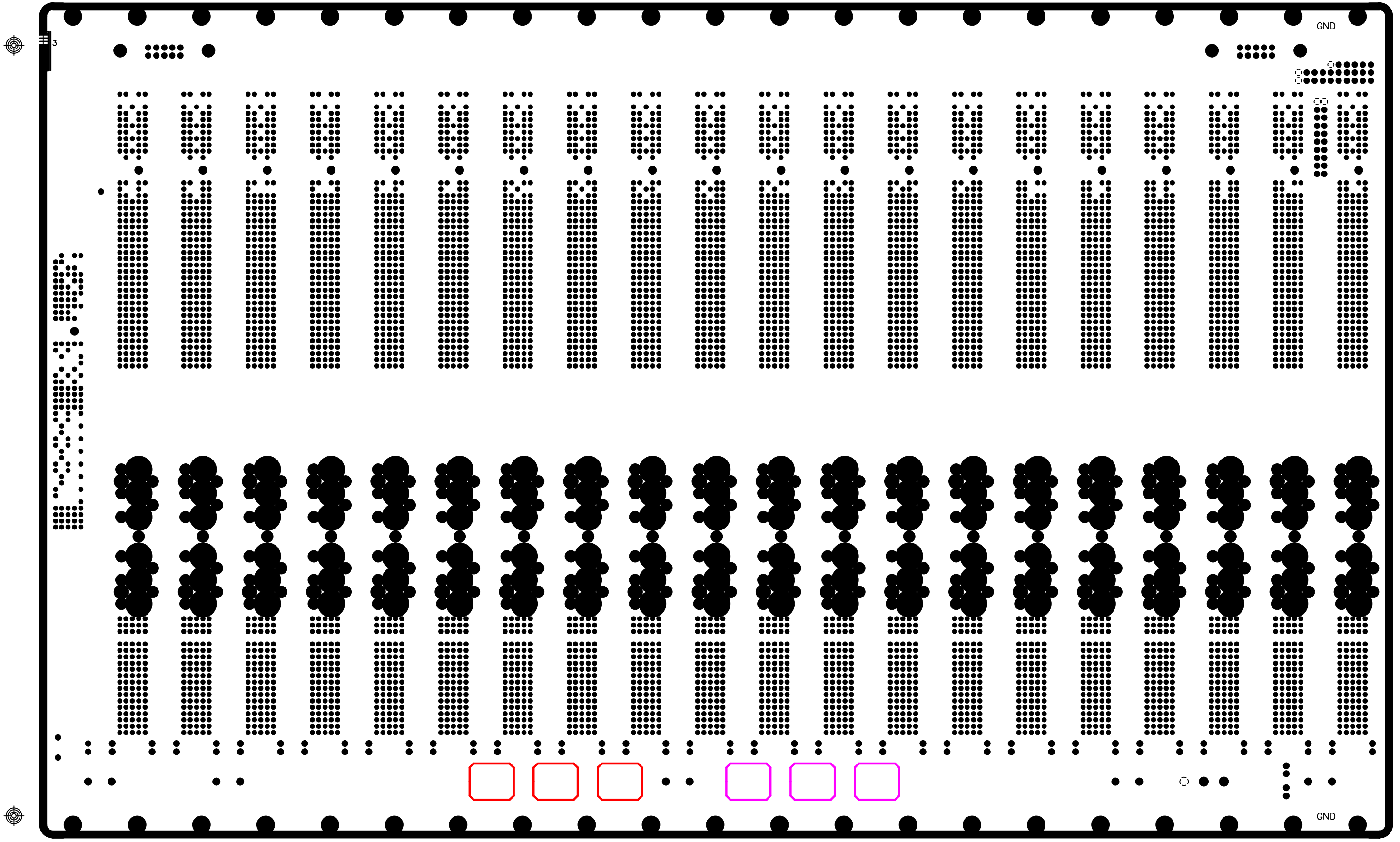
BUSTRONIC CORPORATION
FERMI LAB CUSTOM 21–SLOT BACKPLANE
A/W 2900001307–0000L REV A 06/21/04
SILKSCREEN LAYER 1 SIDE
SHEET 01 OF 16



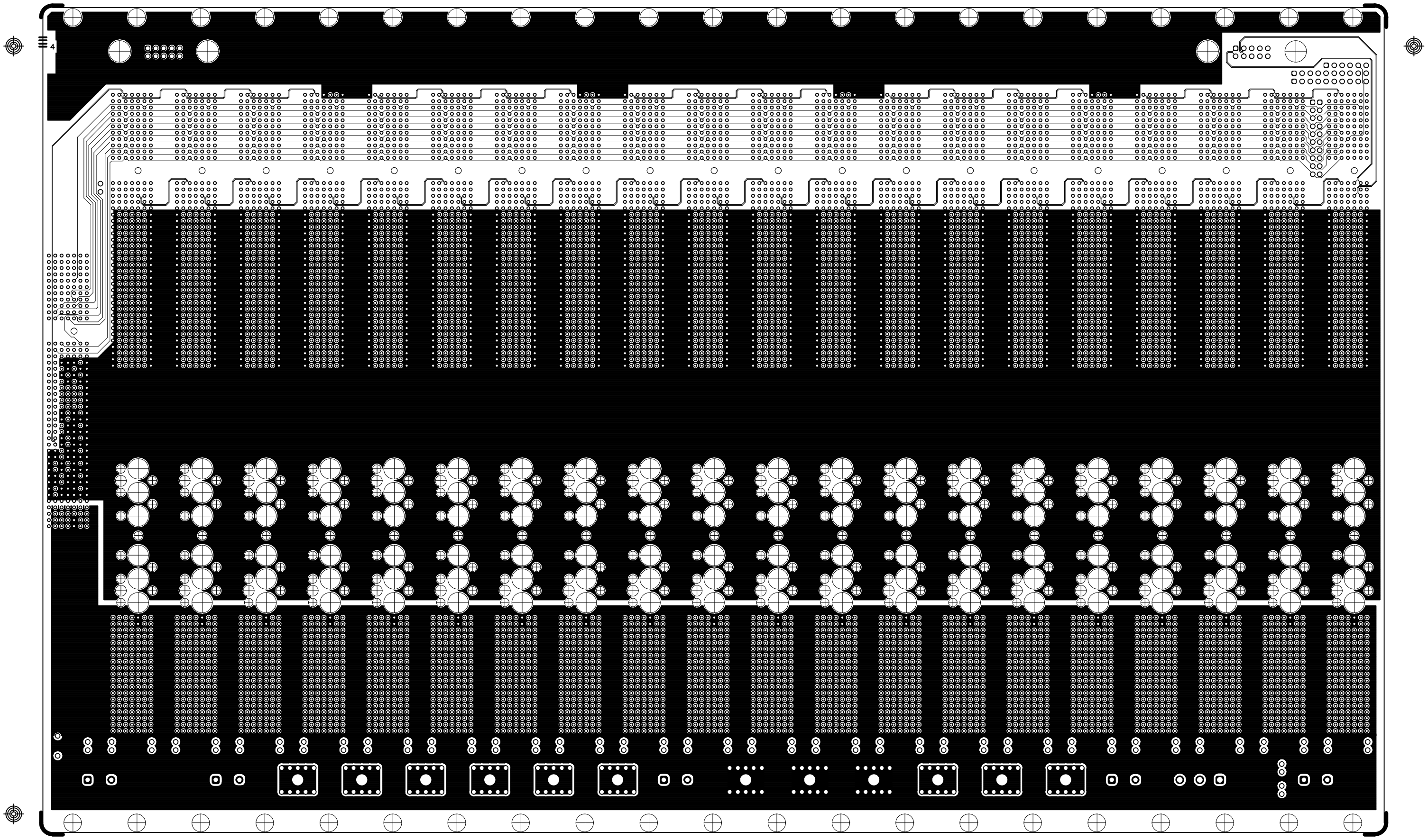
BUSTRONIC CORPORATION
FERMI LAB CUSTOM 21–SLOT BACKPLANE
A/W 2900001307–0000L REV A 06/21/04
LAYER 1 (TOP)
SHEET 03 OF 16



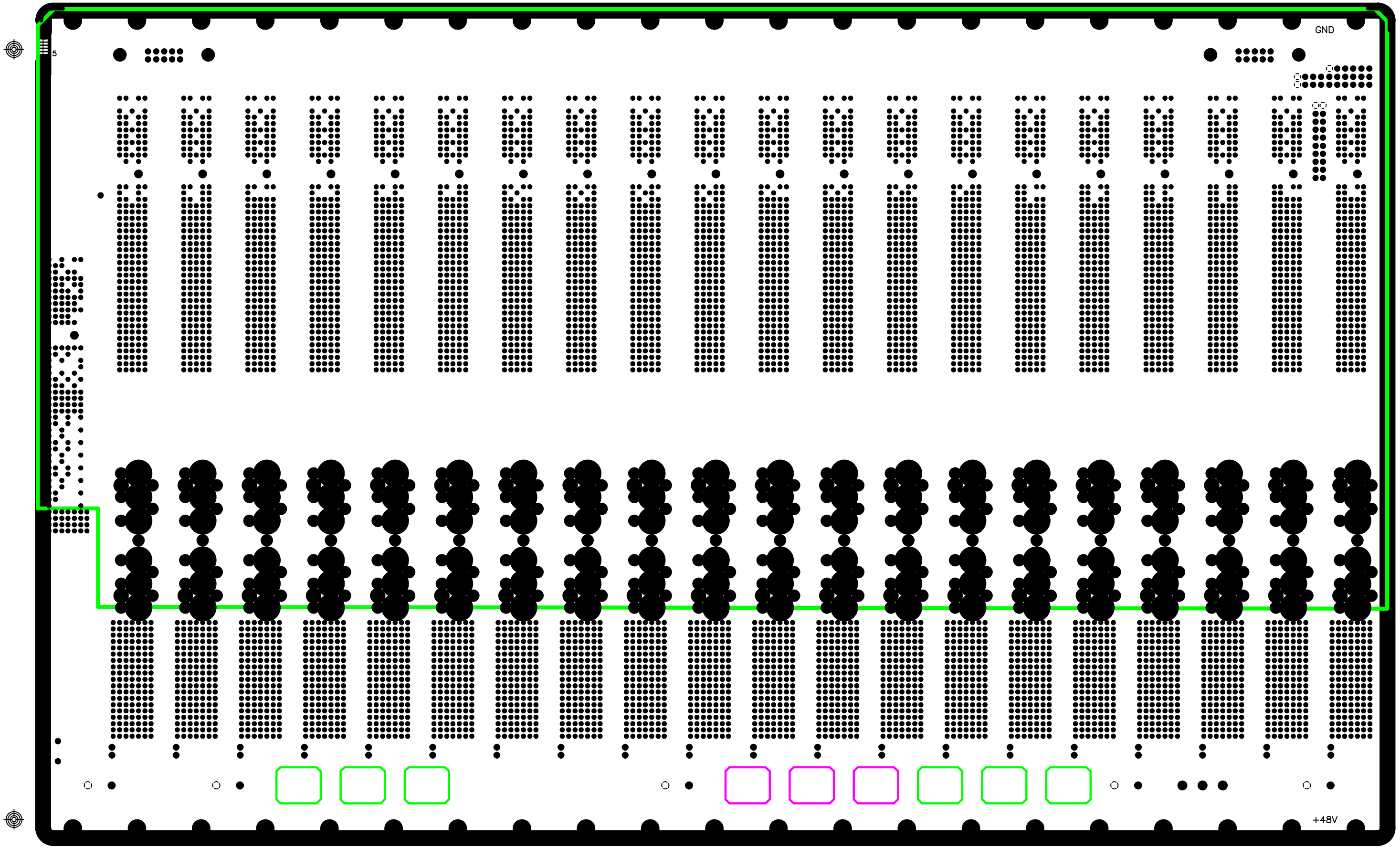
BUSTRONIC CORPORATION
FERMI LAB CUSTOM 21–SLOT BACKPLANE
A/W 2900001307–0000L REV A 06/21/04
LAYER 2 (INT SIG 1)
SHEET 04 OF 16



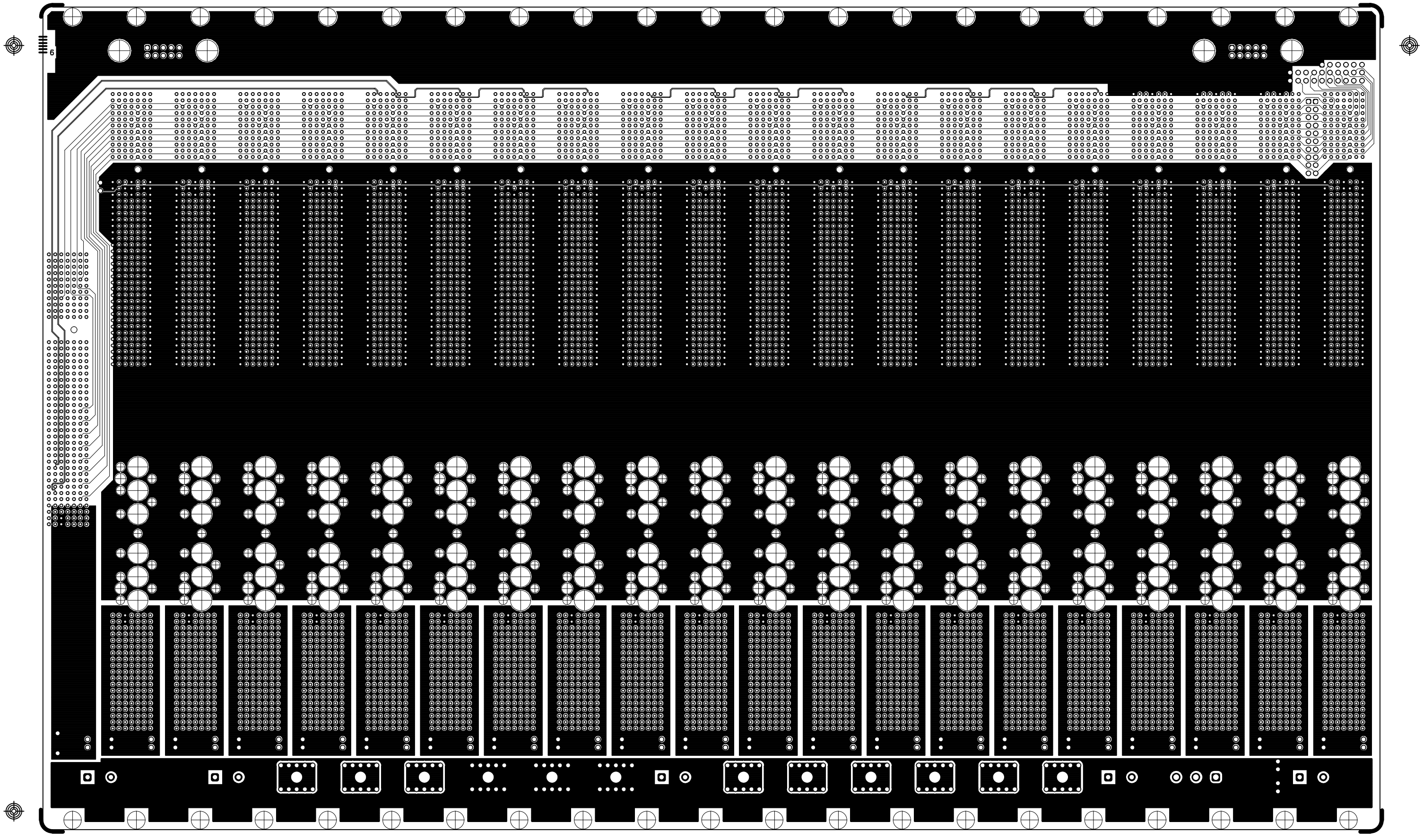
BUSTRONIC CORPORATION
FERMI LAB CUSTOM 21–SLOT BACKPLANE
A/W 2900001307–0000L REV A 06/21/04
LAYER 3 (GND PLN 1)
SHEET 05 OF 16



BUSTRONIC CORPORATION
FERMI LAB CUSTOM 21–SLOT BACKPLANE
A/W 2900001307–0000L REV A 06/21/04
LAYER 4 (INT SIG 2)
SHEET 06 OF 16



BUSTRONIC CORPORATION
FERMI LAB CUSTOM 21–SLOT BACKPLANE
A/W 2900001307–0000L REV A 06/21/04
LAYER 5 (+48V PLN)
SHEET 07 OF 16



BUSTRONIC CORPORATION
FERMI LAB CUSTOM 21–SLOT BACKPLANE
A/W 2900001307–0000L REV A 06/21/04
LAYER 6 (INT SIG 3)
SHEET 08 OF 16