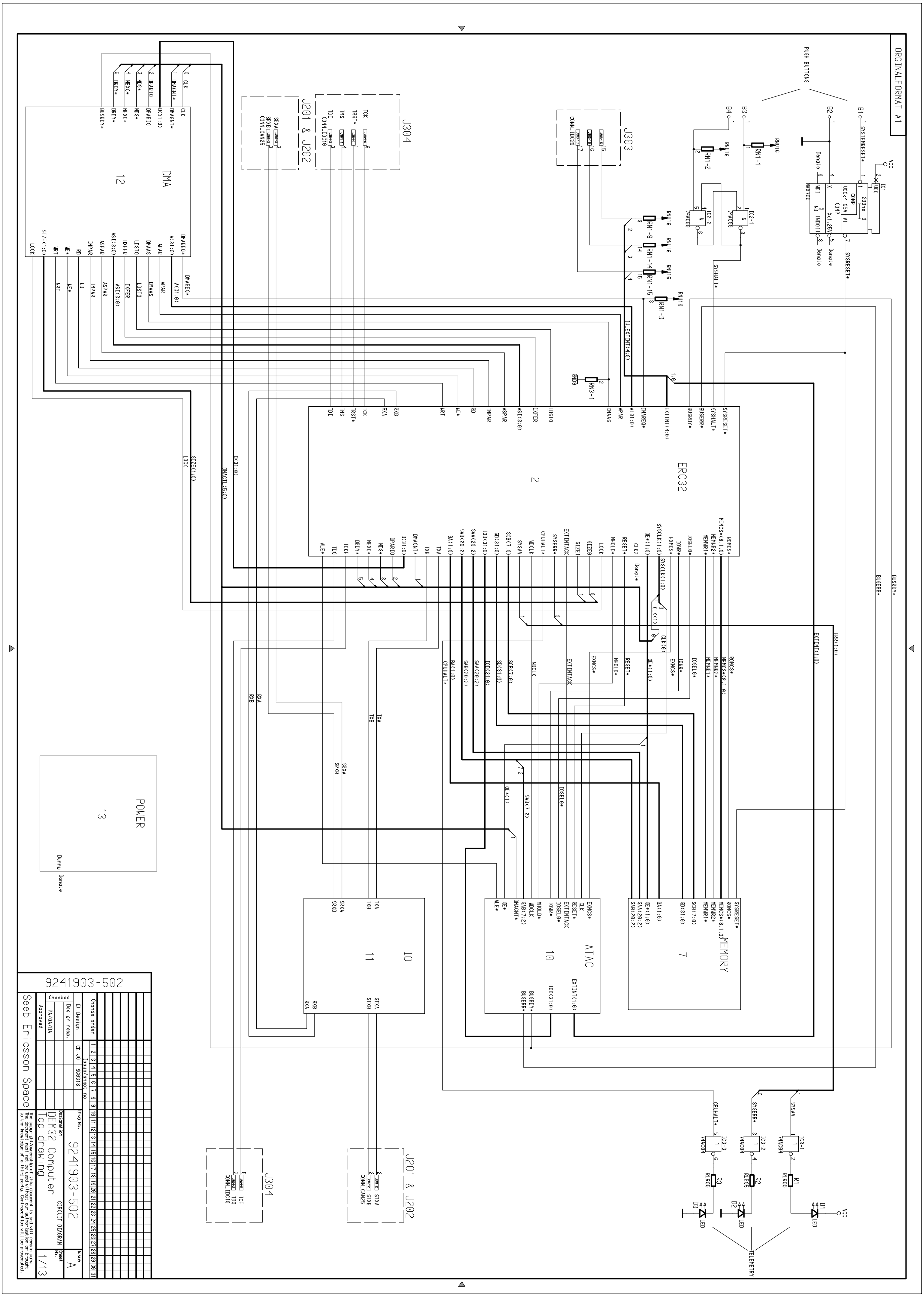
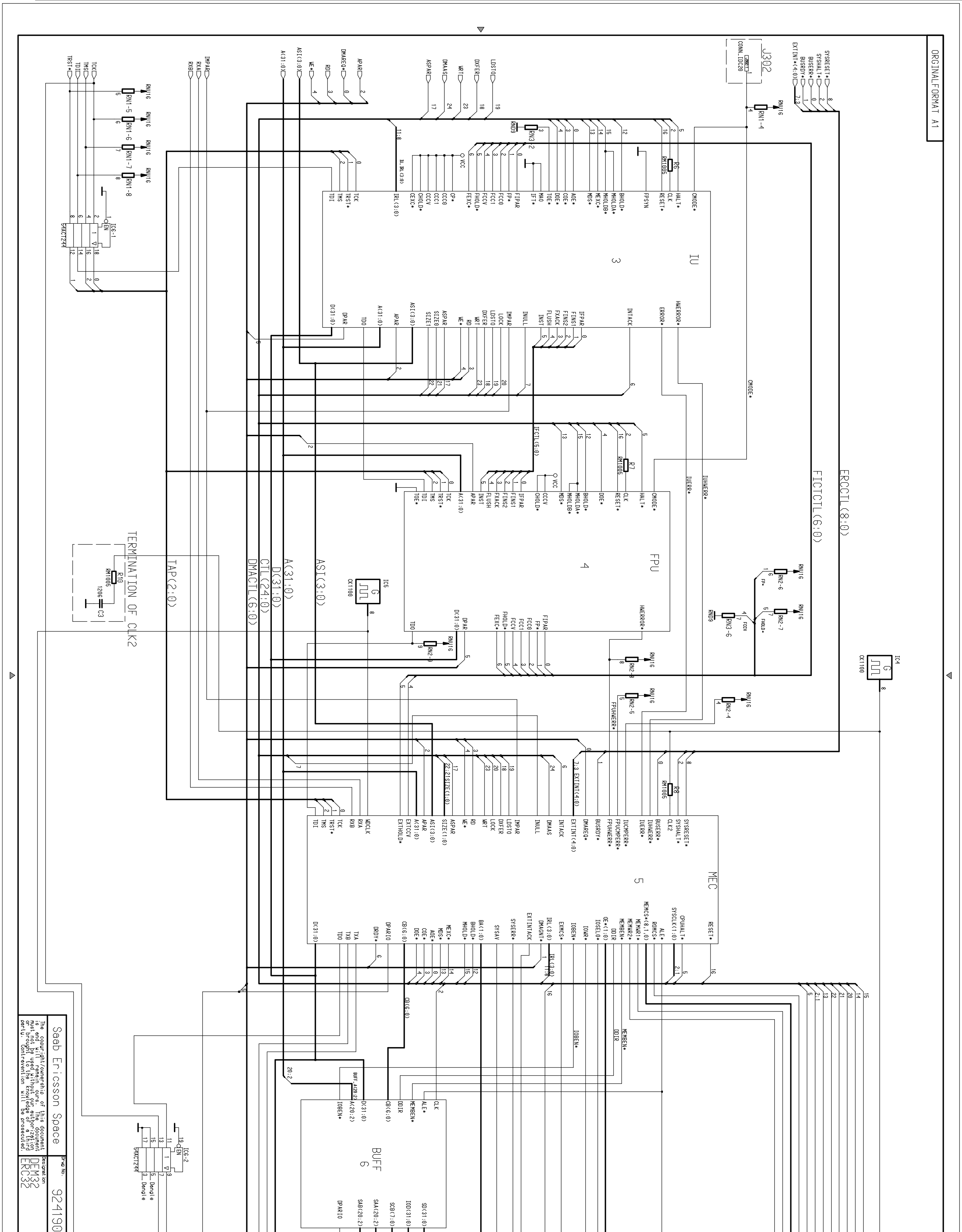
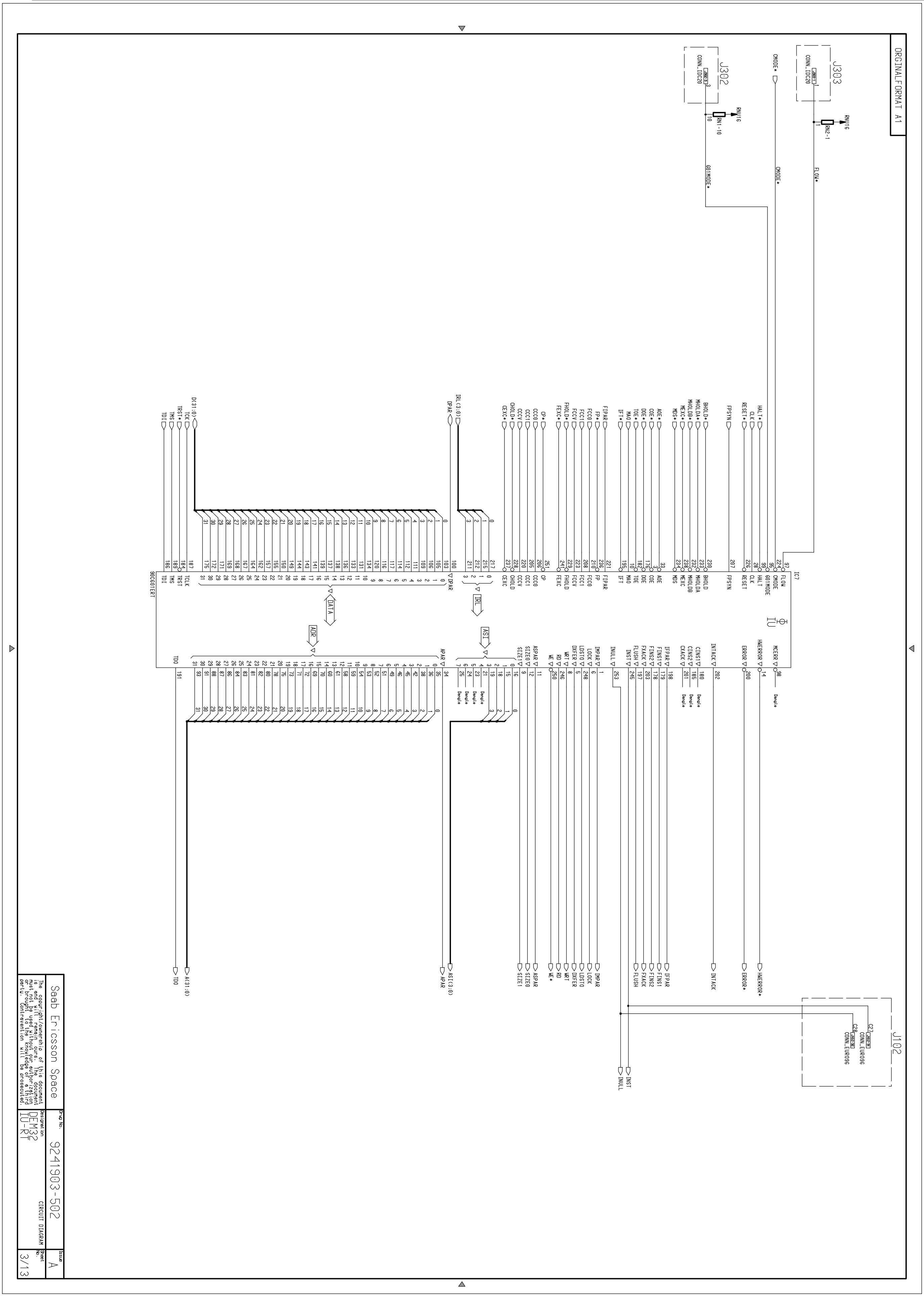
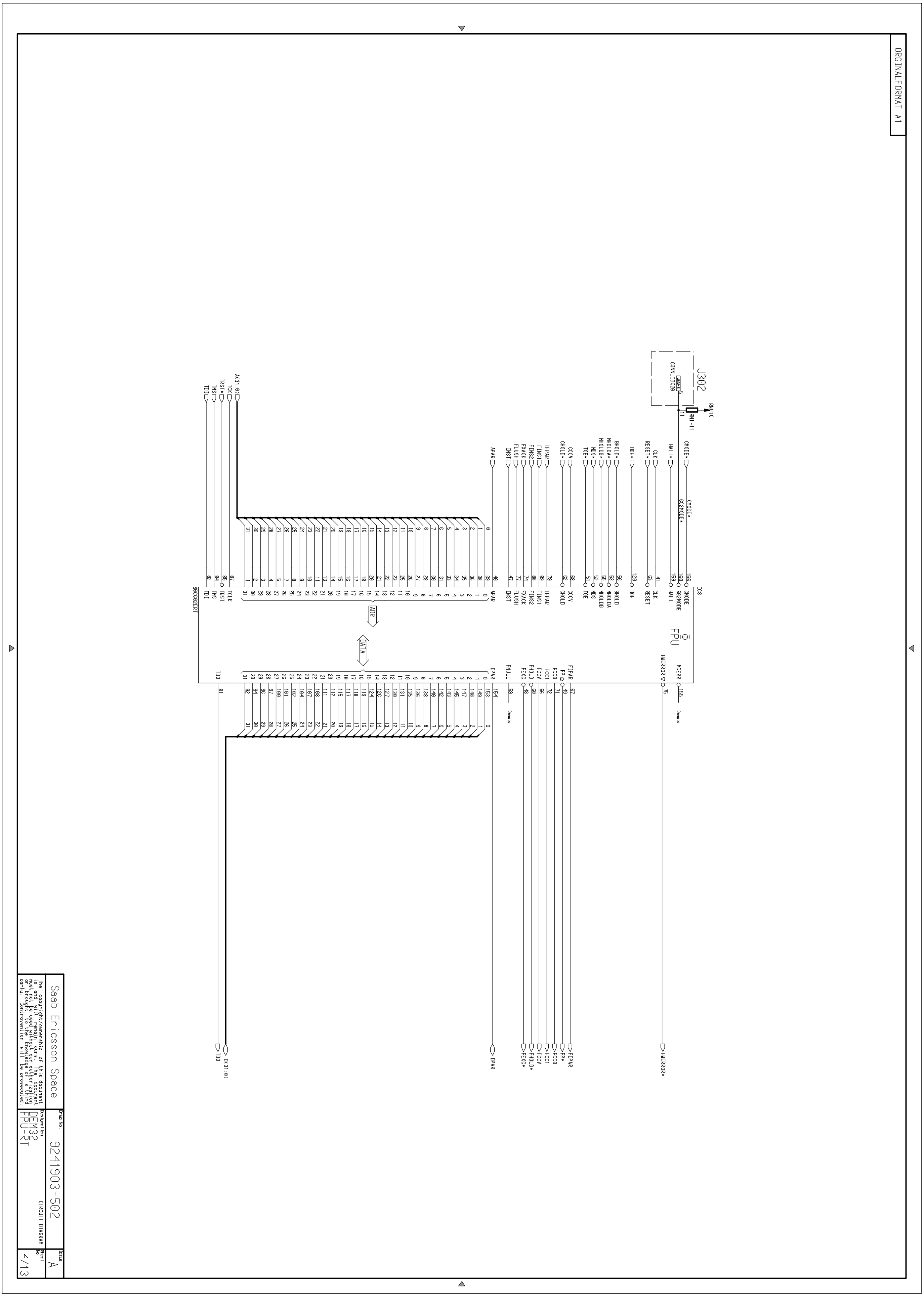
APPENDIX 2
DEM32 SCHEMATIC DRAWINGS

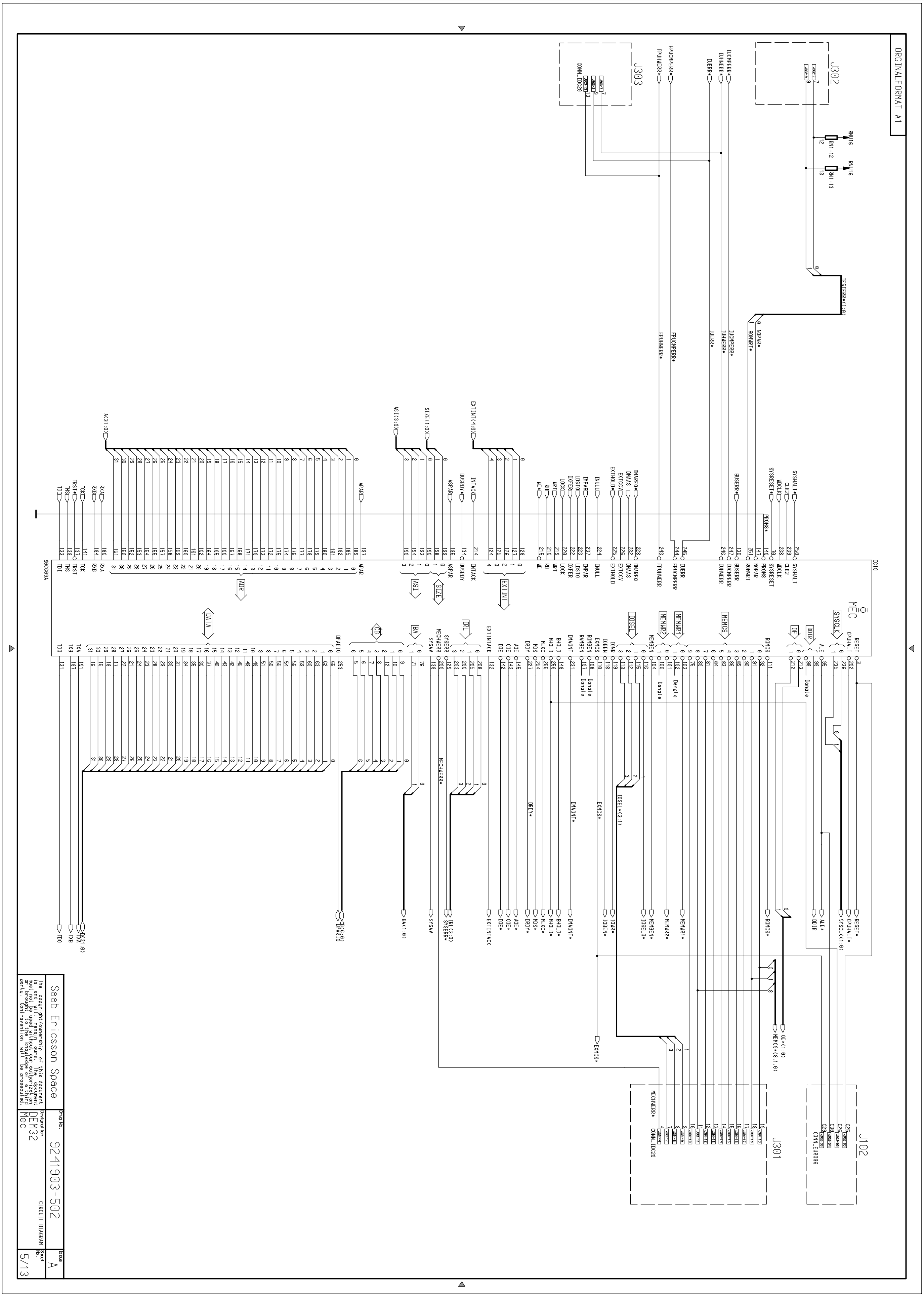


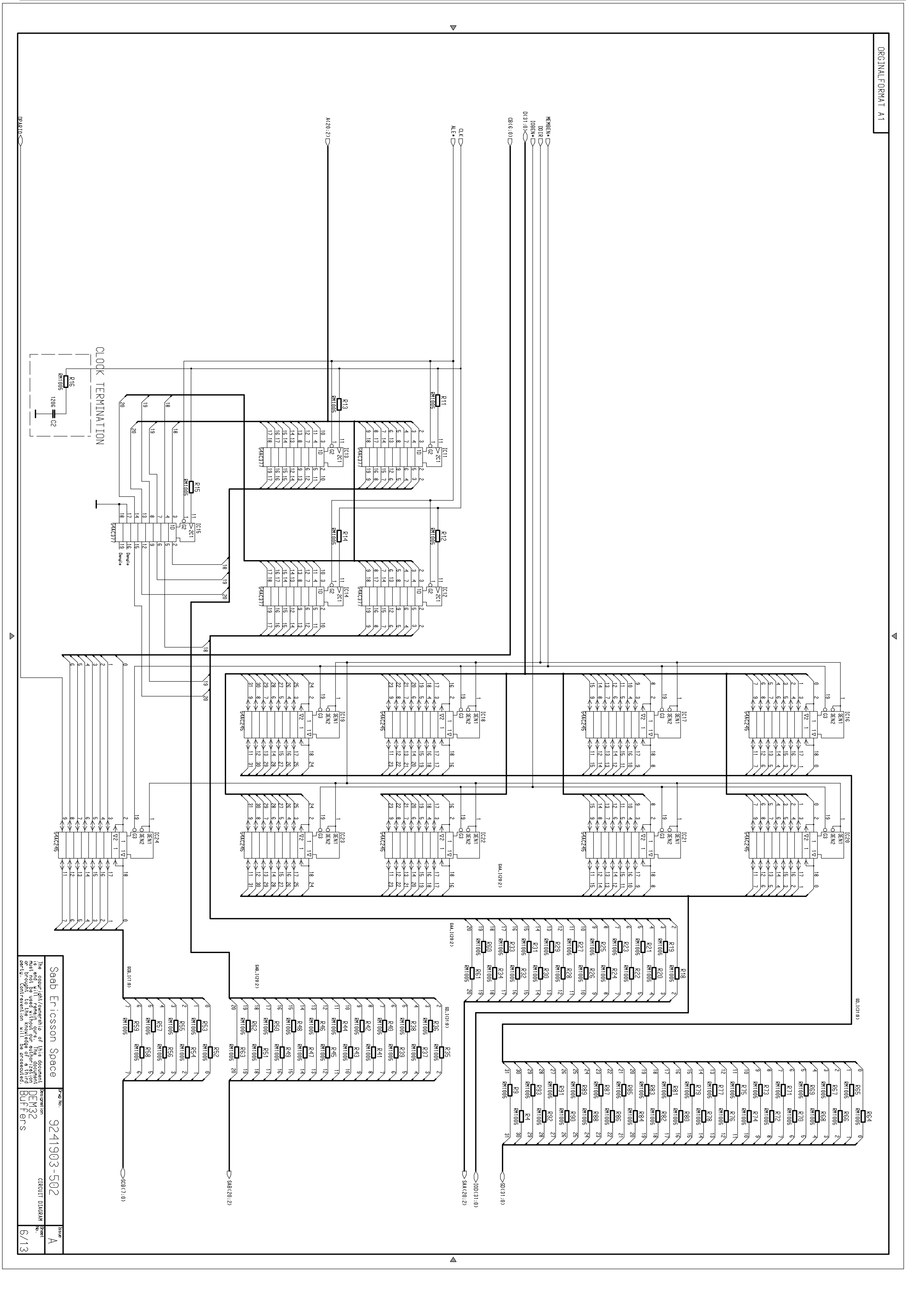
ORGINALFORMAT A1
DMA
12
ERC32
2
MEMORY
7
ATAC
10
IO
11
POWER
13
J304
J303
J201 & J202
PUSH BUTTONS
TELEMETRY
9241903-502
Saab Ericsson Space
DEM32 Computer
Top drawing
CIRCUIT DIAGRAM
1/13

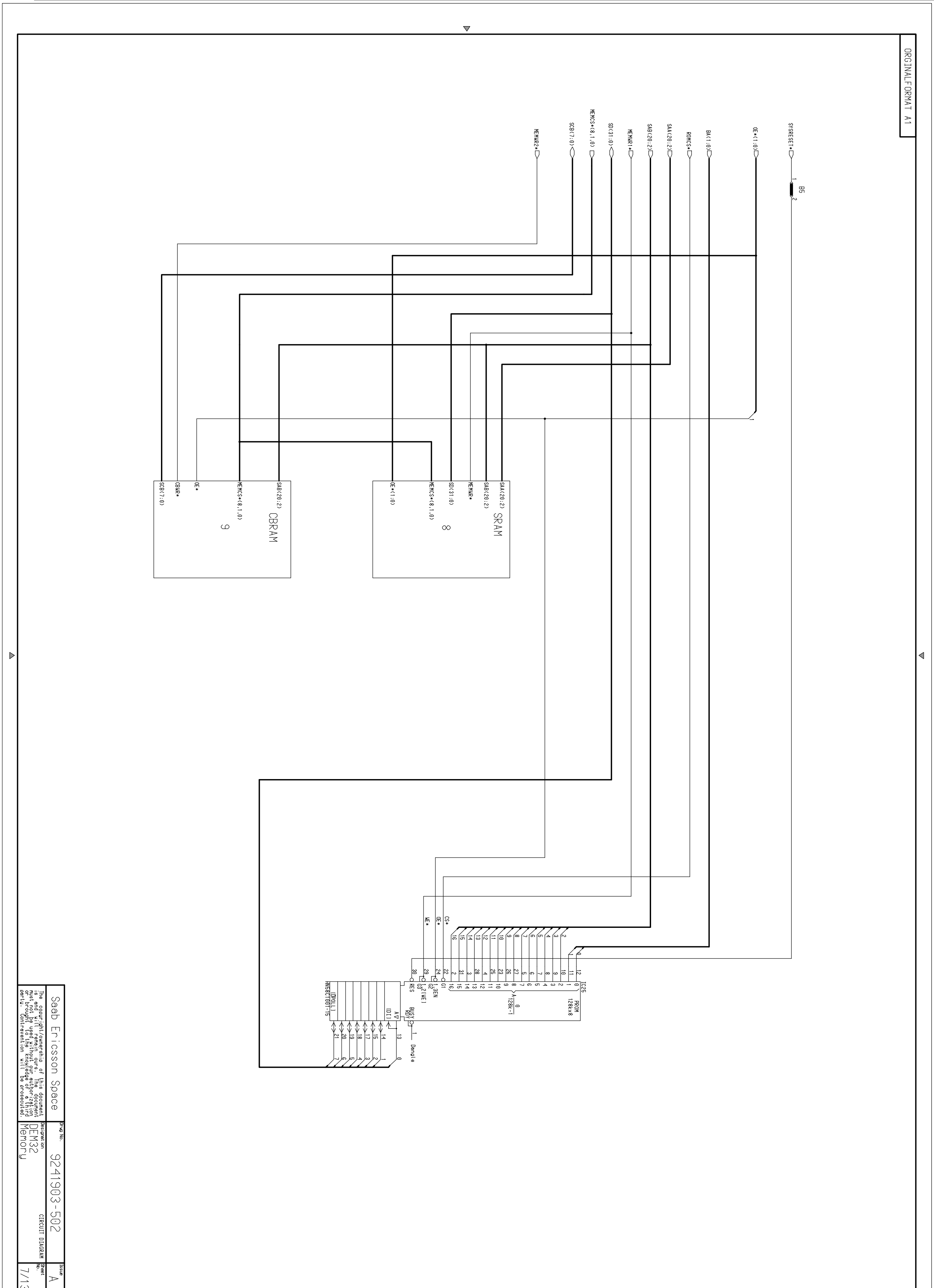

Saab Ericsson Space
9241903-502
DEM32
ERC32
CIRCUIT DIAGRAM
2/13
IU
FPU
MEC
BUFF
ORIGINALFORMAT A1

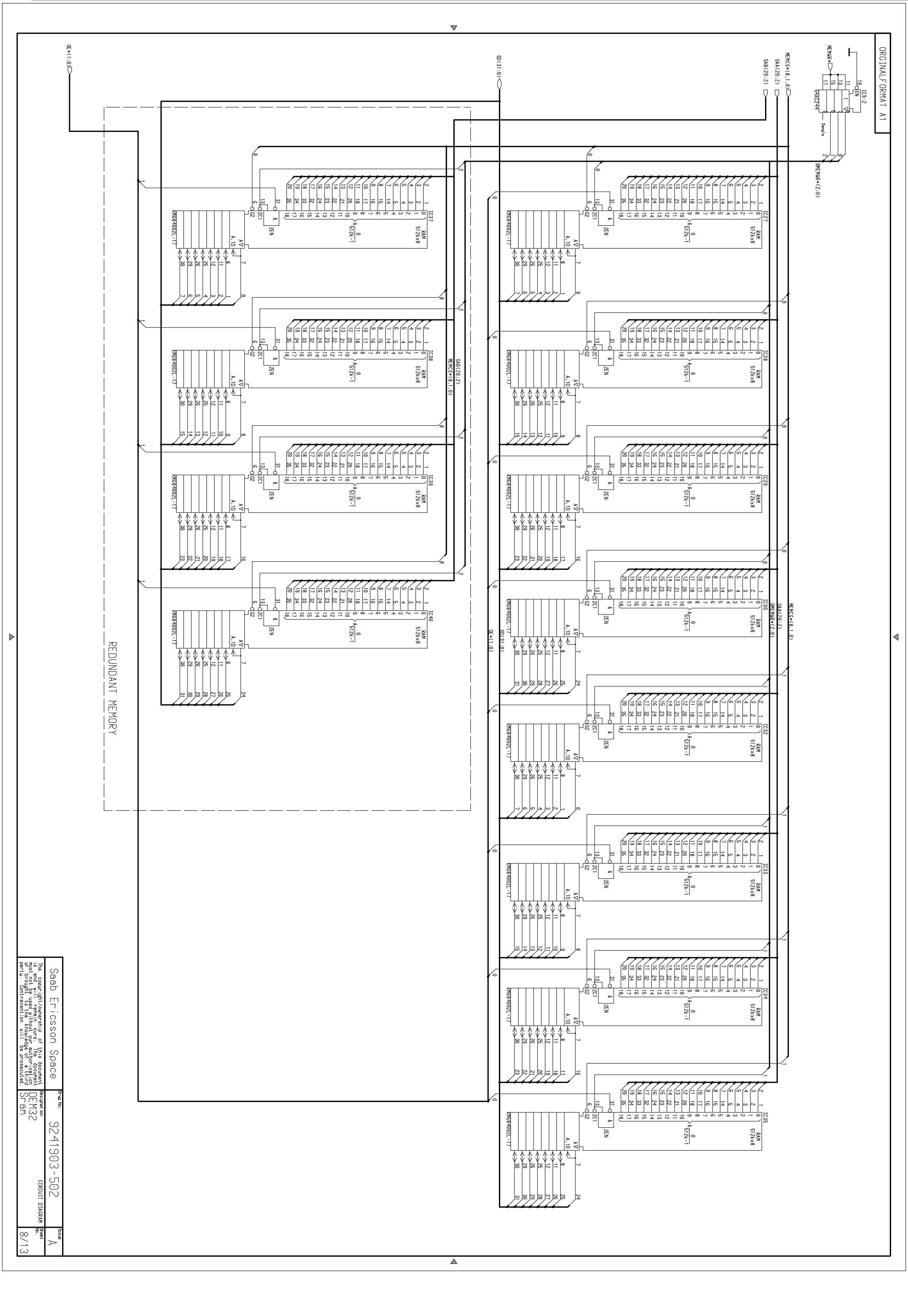

ORGINALFORMAT A1
J302
J303
J102
IU
DATA
ADR
ASI
IRL
Saab Ericsson Space
9241903-502
CIRCUIT DIAGRAM
DEM32
IU-RT
A
3/13


ORGINALFORMAT A1
J302
FPU
Saab Ericsson Space
9241903-502
DEM32
FPU-RT
CIRCUIT DIAGRAM
A
4/13


ORGINALFORMAT A1
J303
J302
J301
J102
MEC
IC10
Saab Ericsson Space
9241903-502
DEM32
Mec
CIRCUIT DIAGRAM
A
5/13


ORGINALFORMAT A1
CLOCK TERMINATION
Saab Ericsson Space
9241903-502
DEM32
Buffers
CIRCUIT DIAGRAM
A
6/13


ORGINALFORMAT A1
CBRAM
9
SRAM
8
Saab Ericsson Space
Drwg No.
9241903-502
Designation
DEM32
Memory
CIRCUIT DIAGRAM
Issue
A
Sheet No.
7/13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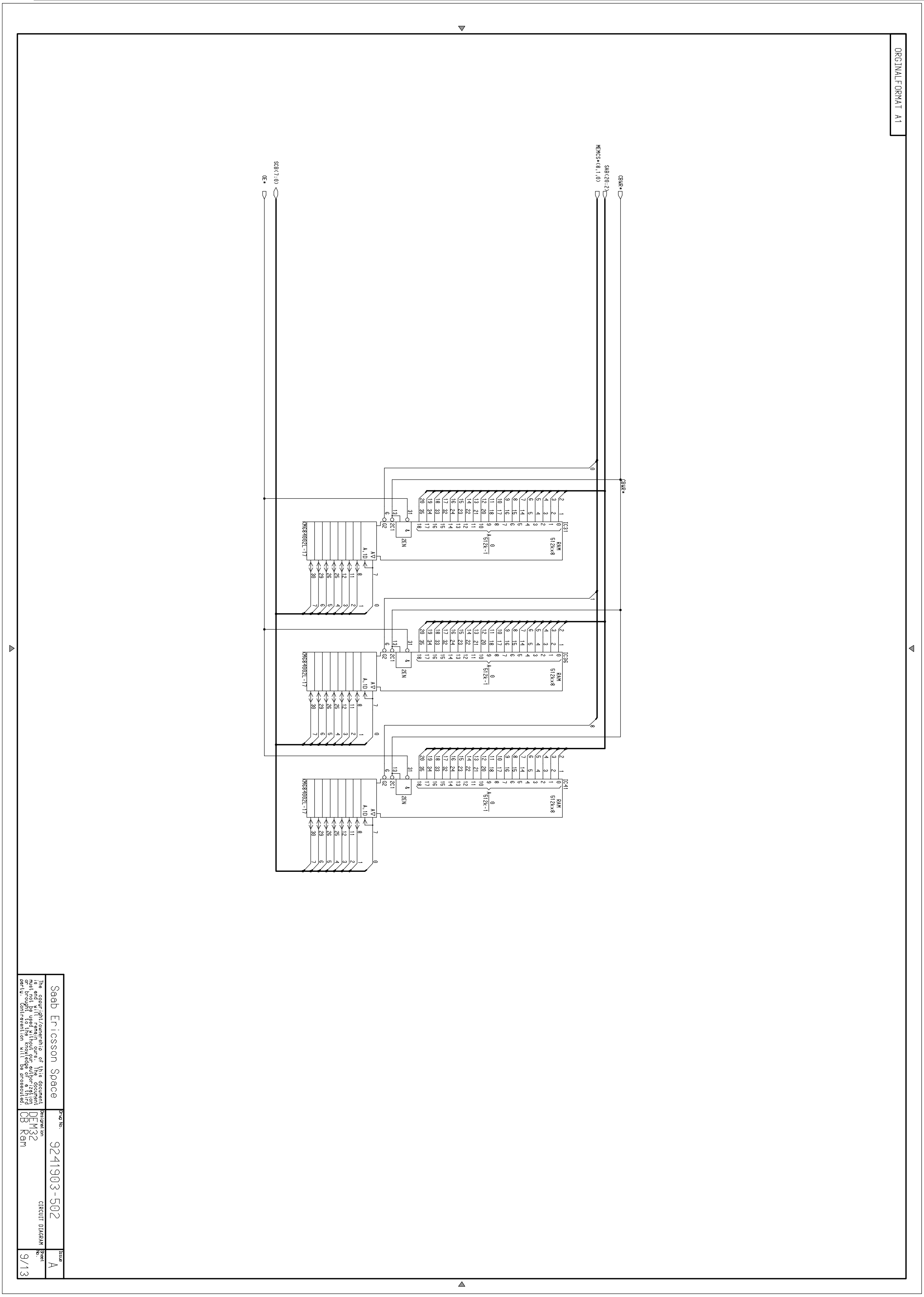
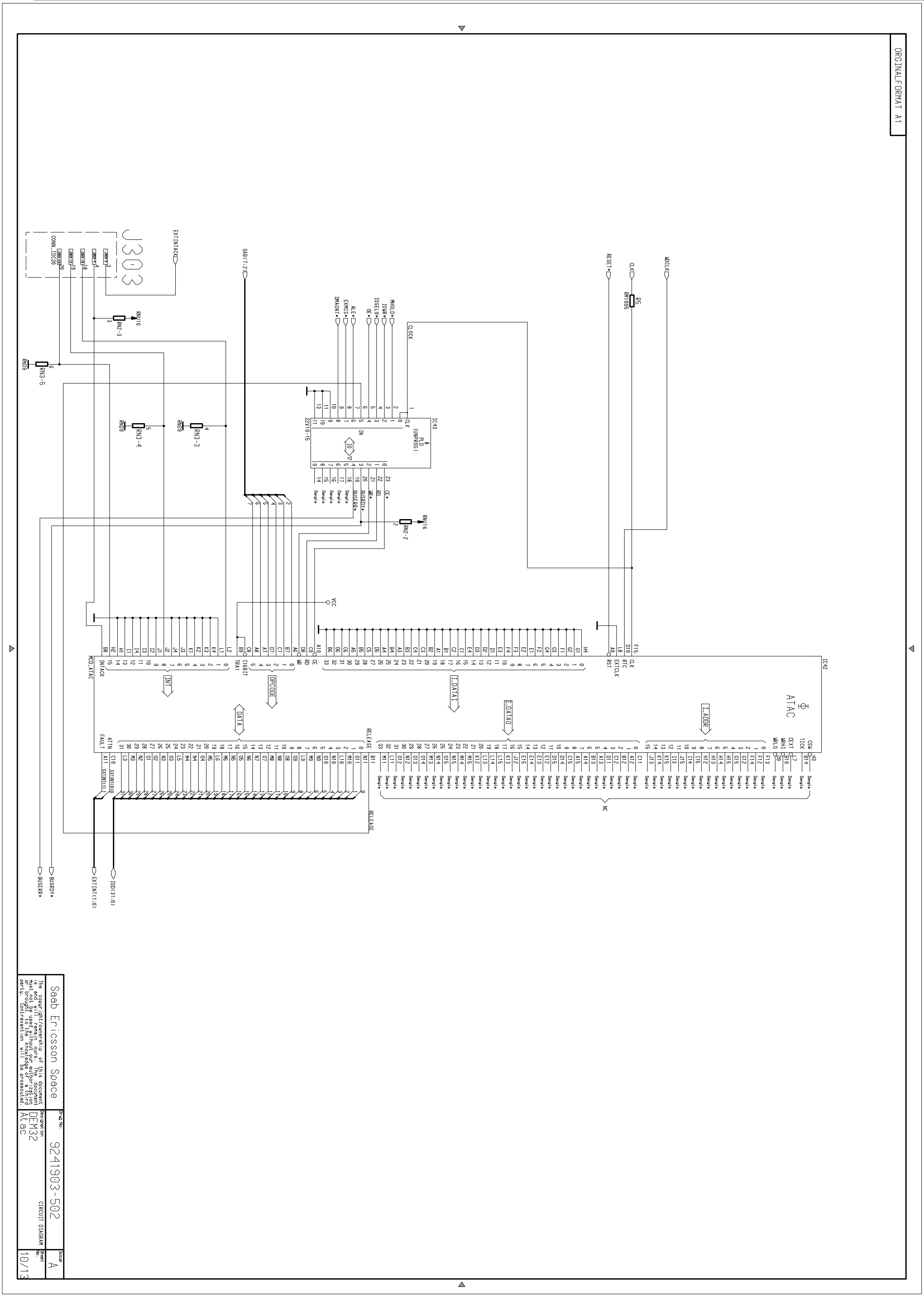
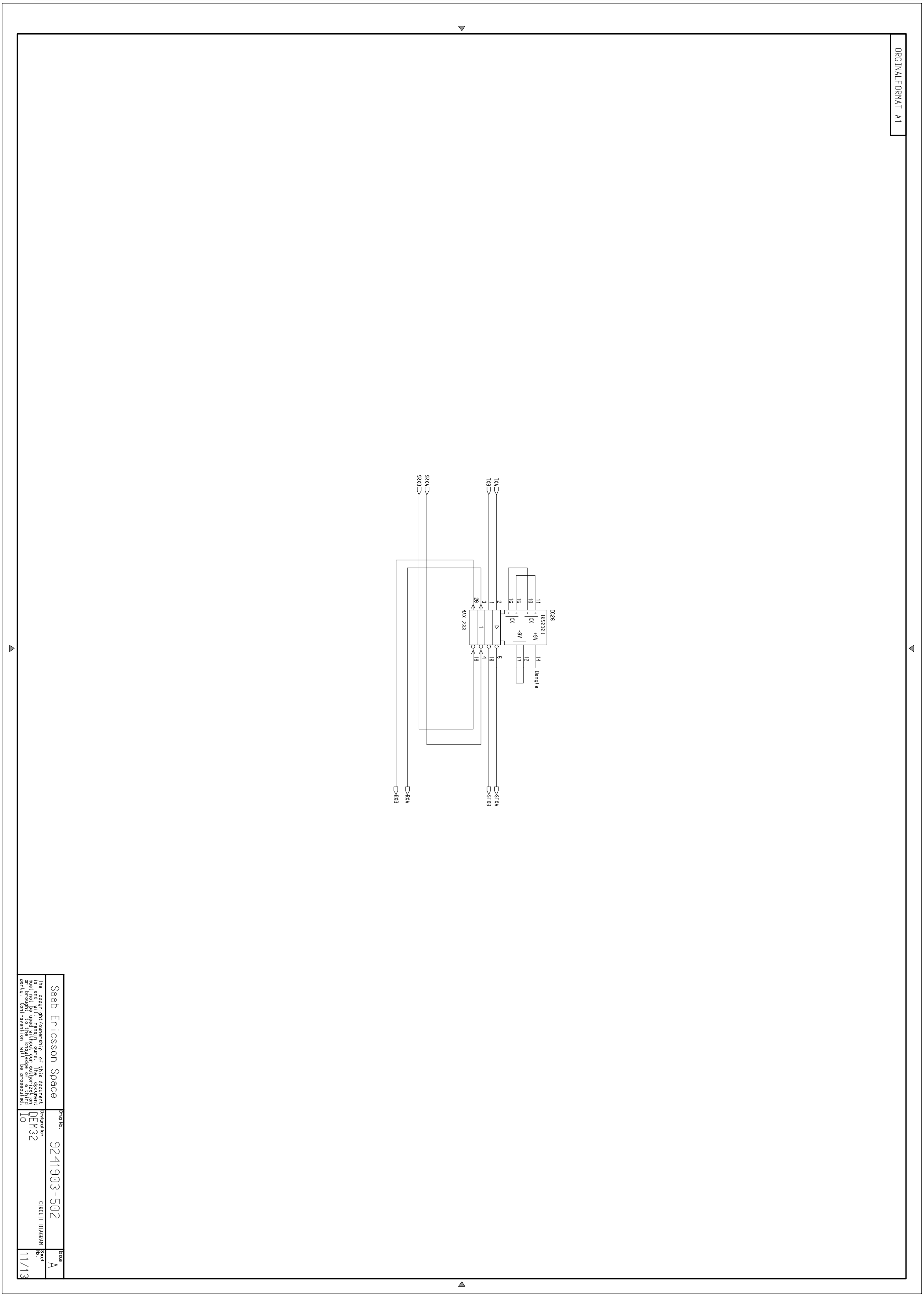
REDUNDANT MEMORY
Saab Ericsson Space
9241903-502
CIRCUIT DIAGRAM
DEM32
Sram
A
8/13


ORGINALFORMAT A1
Saab Ericsson Space
9241903-502
DEM32
CB Ram
CIRCUIT DIAGRAM
A
9/13




ORGINALFORMAT A1
SRXB
SRXA
TXB
TXA
RXB
RXA
STXB
STXA
MAX_233
IC26
DS3221
Dongle
Saab Ericsson Space
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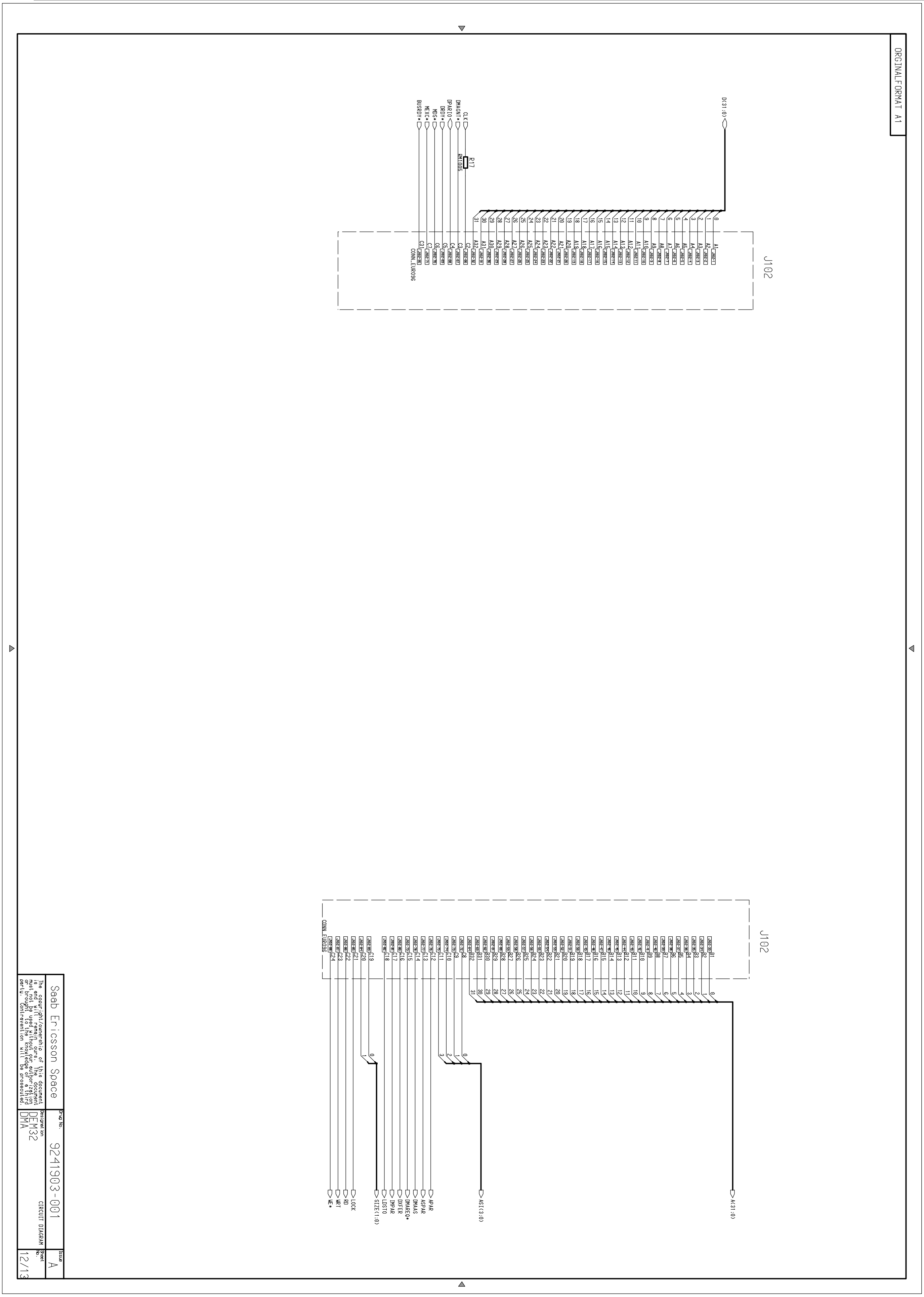
Drwg No.
9241903-502
Designation
DEM32
Io
CIRCUIT DIAGRAM
Issue
A
Sheet No.
11/13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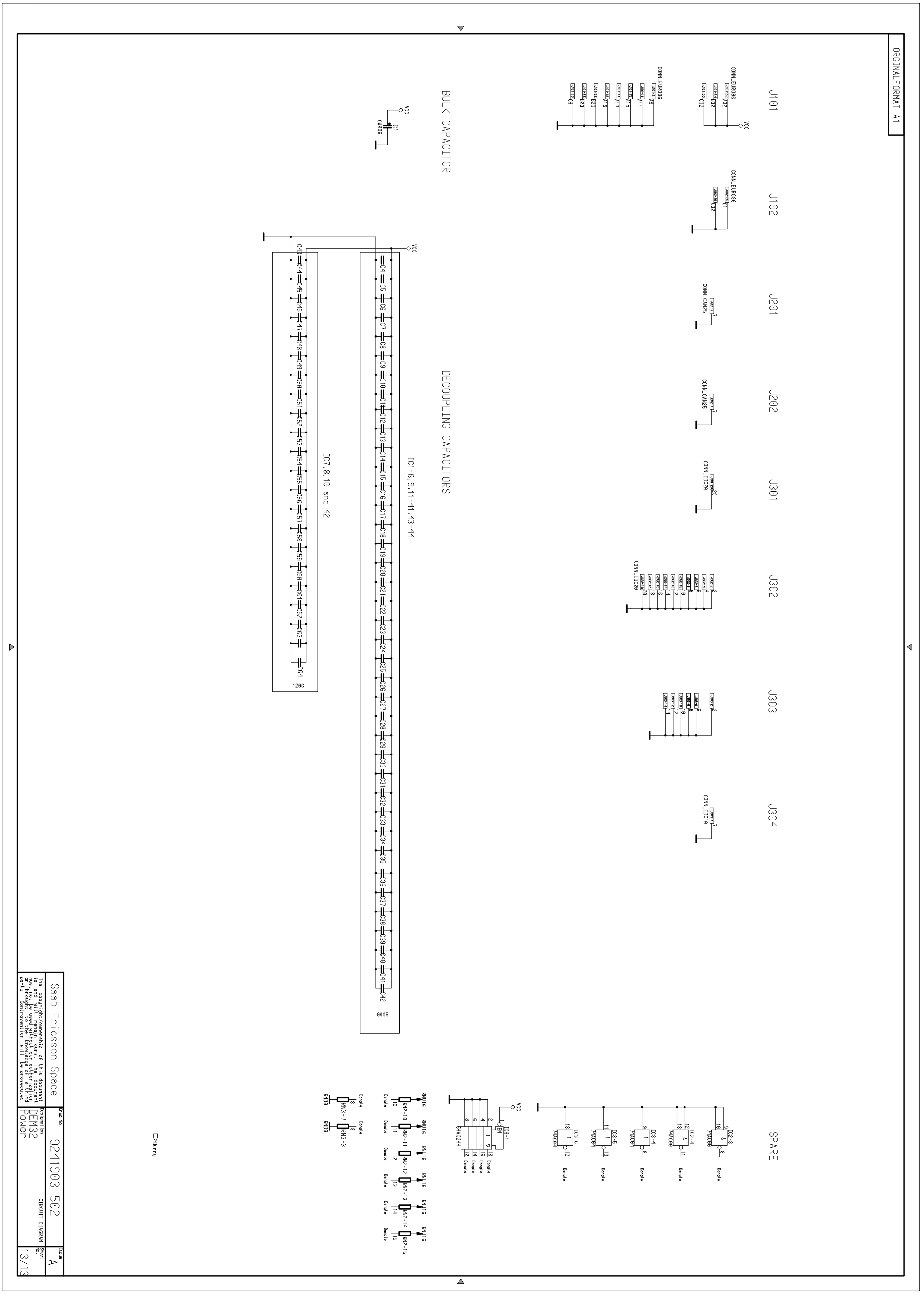
J102
J102
CONN_EURO96
D(31:0)
A(31:0)
AS(3:0)
SIZE(1:0)
LOCK
RD
WRT
WE*
Saab Ericsson Space
9241903-001
DEM32
DMA
CIRCUIT DIAGRAM
A
12/13


ORIGINALFORMAT A1
J101
J102
J201
J202
J301
J302
J303
J304
BULK CAPACITOR
DECOUPLING CAPACITORS
IC1-6,9,11-41,43-44
IC7,8,10 and 42
SPARE
Saab Ericsson Space
9241903-502
DEM32
Power
CIRCUIT DIAGRAM
A
13/13