



Test Head Bottom Carriers

Category: **Diagnostics**

Author: **Ryan Benech** (05/24/2000 - 11/08/2000)

reference Documentation/Manual : RBEH-4MERBX

Pictures

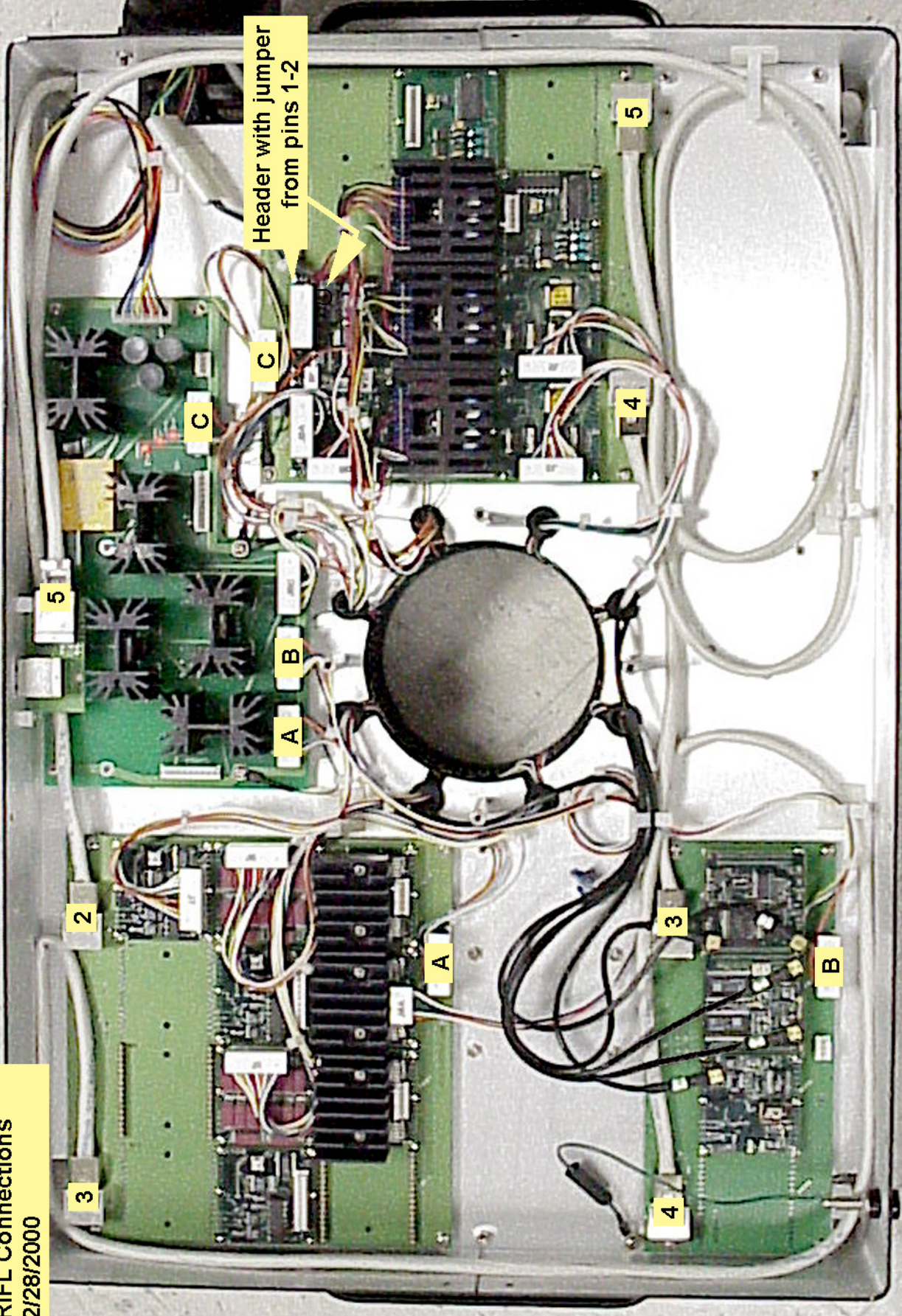
- Testhead, Bottom - Pogo connections
- Testhead, Bottom - Harness/RIFL connections
- Testhead, Bottom - VI (RI7430B w/ CBITS, Head power, VI1, DB1-8, etc...)
- Testhead, Bottom - VCC (RI7420, DUT Control)
- Testhead, Bottom - Waveform (RI74203A, SineGen, Oscilloscope, etc.)

Diagrams

- VI Carrier Module Schematic (11x17 size)
- VI Carrier RIFL Interface Schematic (11x17 size)
- VCC Carrier Module Schematic (11x17 size)
- VCC Carrier RIFL Interface Schematic (11x17 size)
- Module Interface Schematic "Carrier 4" (11x17 size)
- RIFL Interface Schematic "Carrier 4" (11x17 size)

NOTE: This chapter contains pages that are best published on 11x17 size paper ("engineering size" or "B size"). A single PDF is available that contains all the pages from the various chapters that need the large paper size.

Testhead, Bottom
Harness Connections,
RIFL Connections
2/28/2000



Header with jumper
from pins 1-2

3

2

C

B

A

5

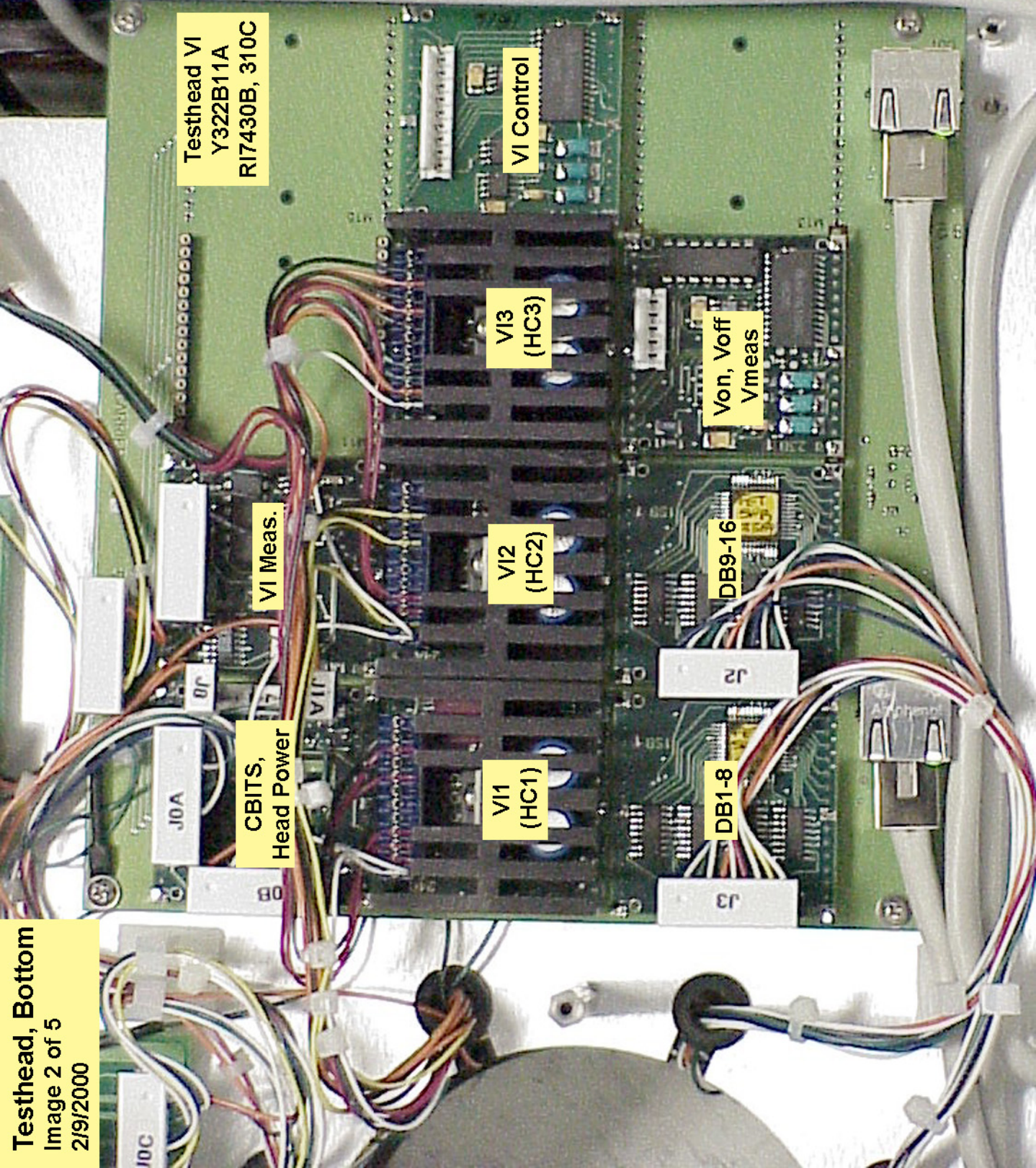
4

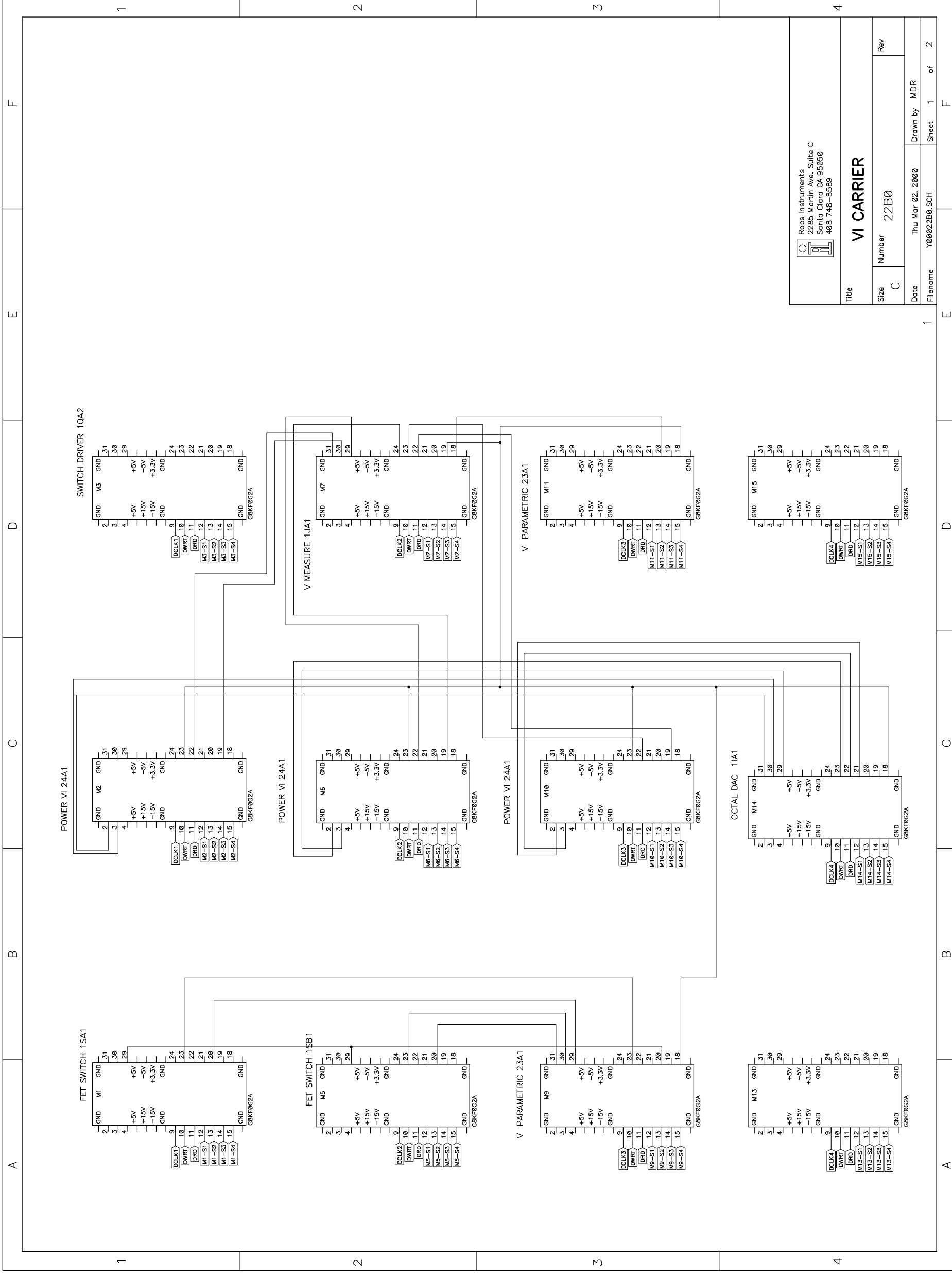
3

4

B

Testhead, Bottom
Image 2 of 5
2/9/2000





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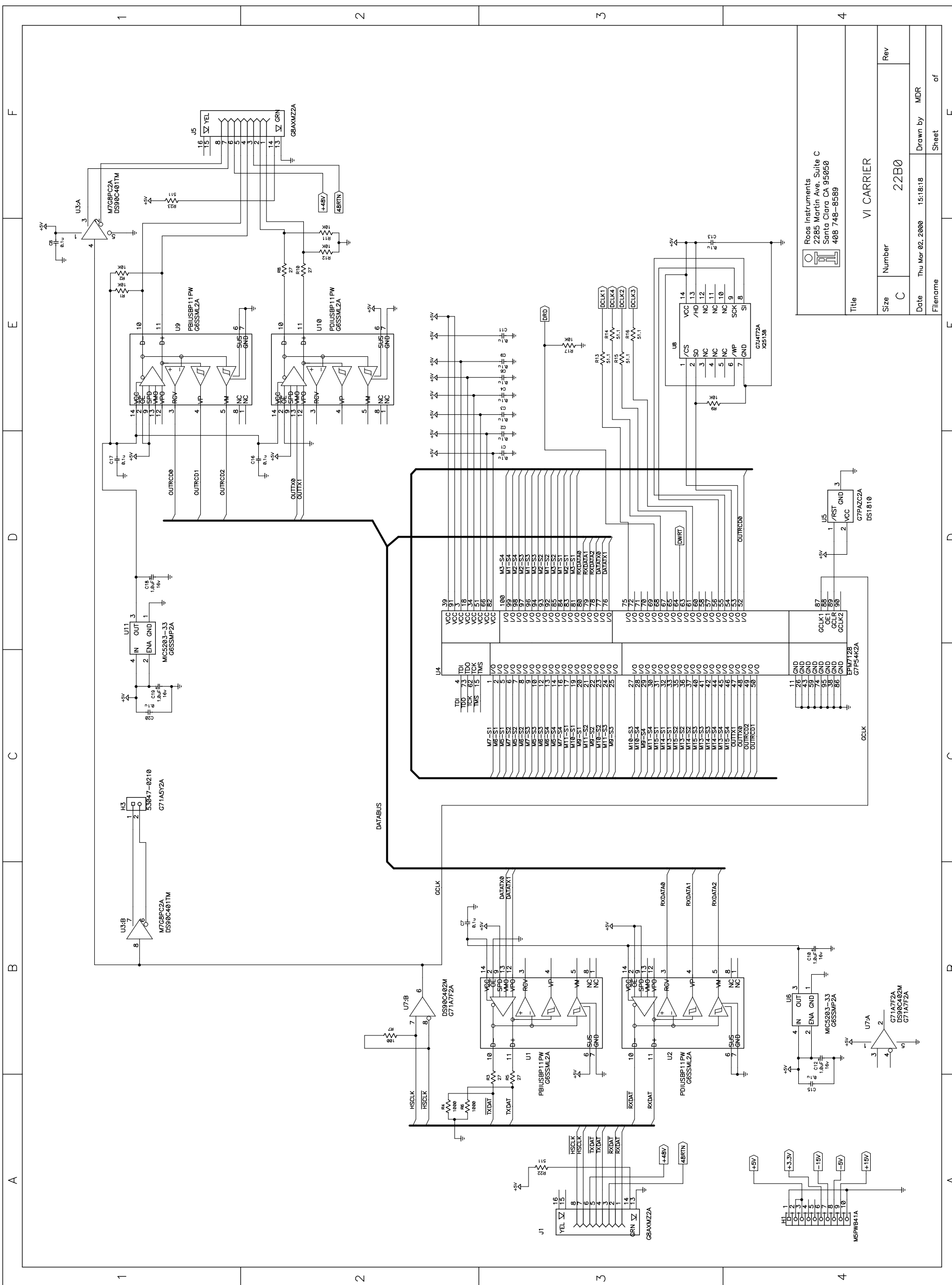
VI CARRIER

Size C
 Number 22B0
 Rev

Date Thu Mar 02, 2000
 Filename Y00022B0.SCH
 Sheet 1 of 2
 Drawn by MDR

A B C D E F

1 2 3 4

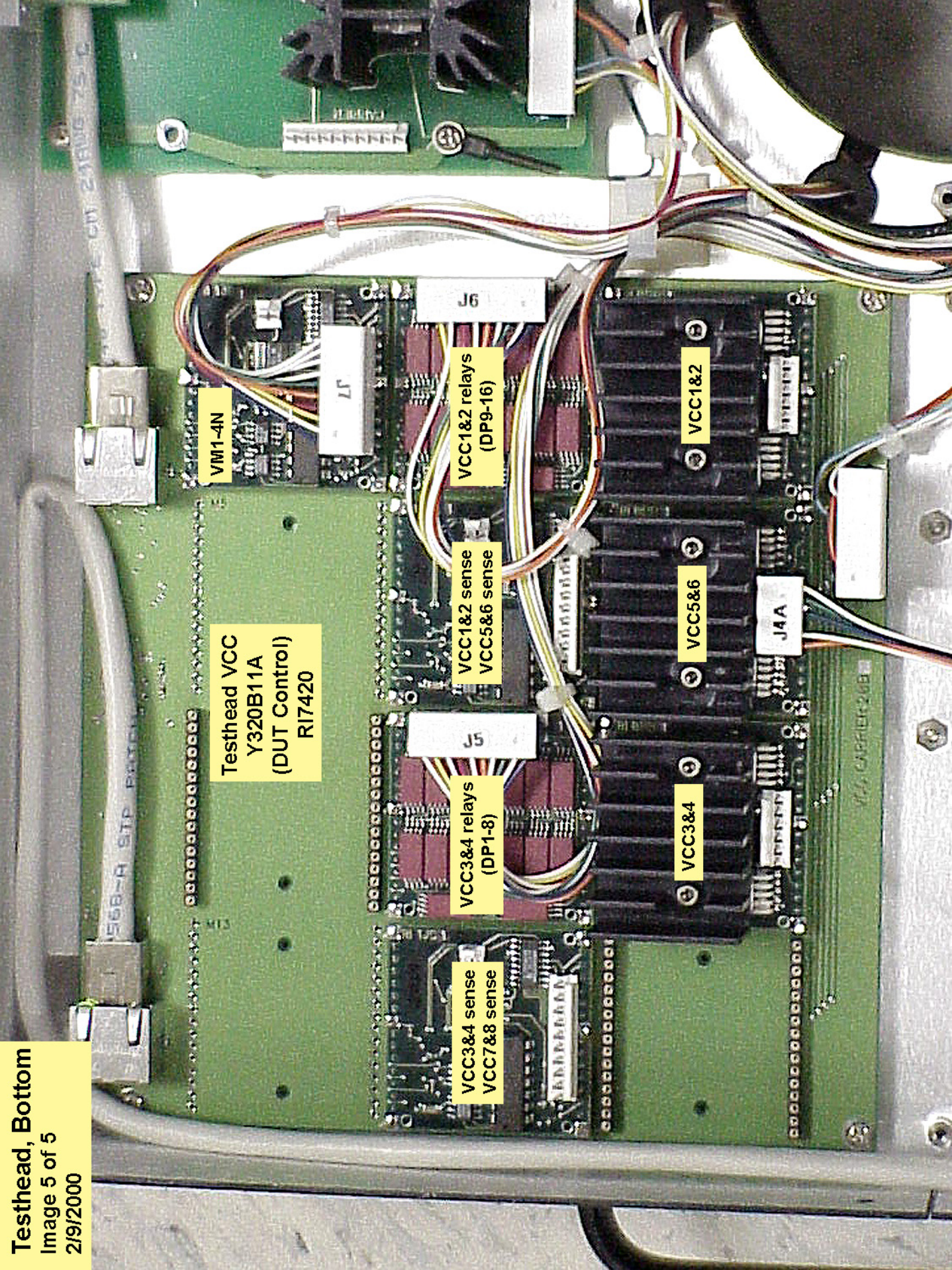


Title	
VI CARRIER	
Size	C
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Date	Thu Mar 02, 2000 15:18:18
Filename	Sheet
Rev	of

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Testhead, Bottom
Image 5 of 5
2/9/2000



VM1-4N

Testhead VCC
Y320B11A
(DUT Control)
R17420

VCC3&4 sense
VCC7&8 sense

VCC3&4 relays
(DP1-8)

VCC1&2 sense
VCC5&6 sense

VCC1&2 relays
(DP9-16)

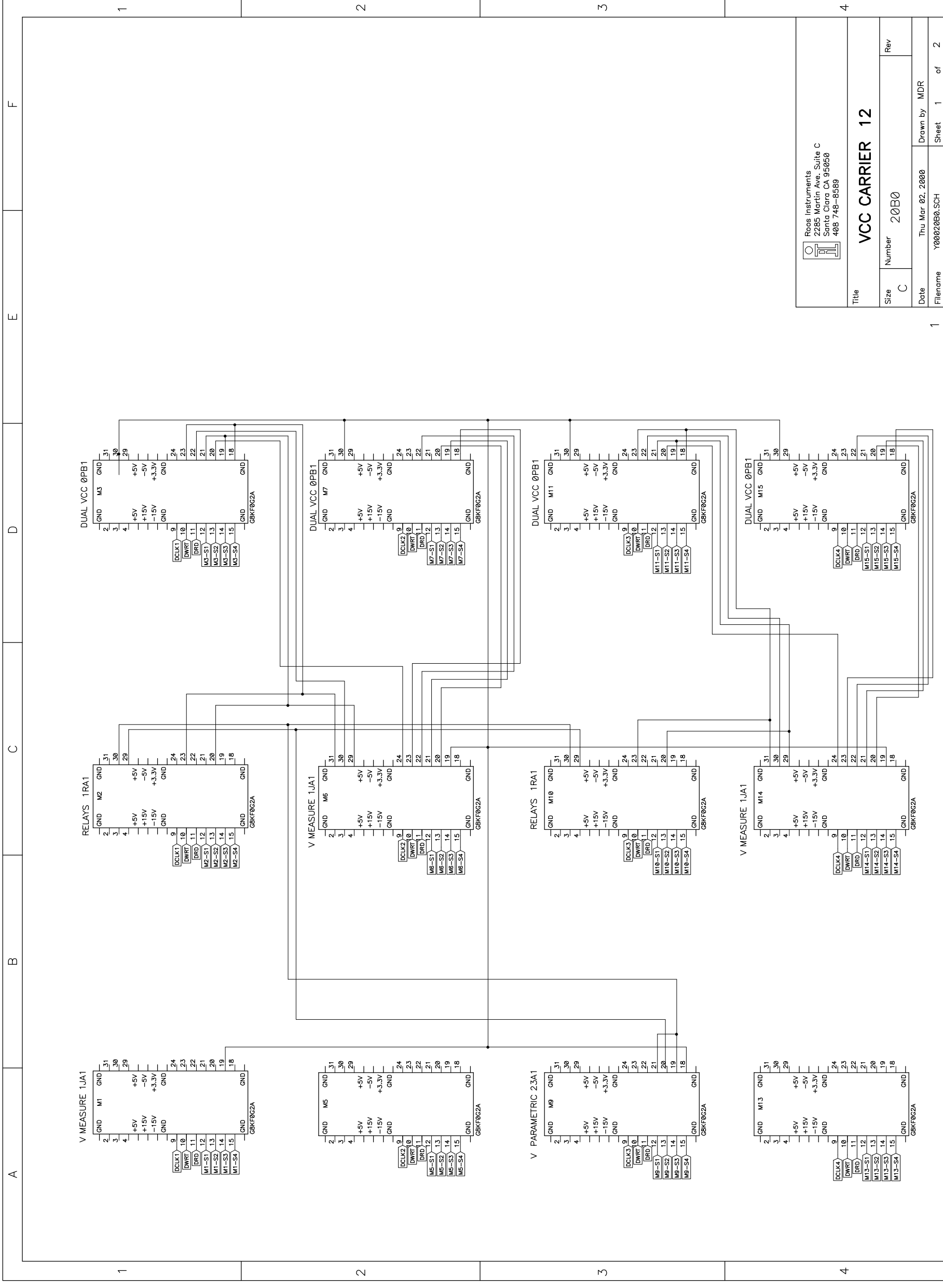
J6


VCC3&4

VCC5&6

VCC1&2

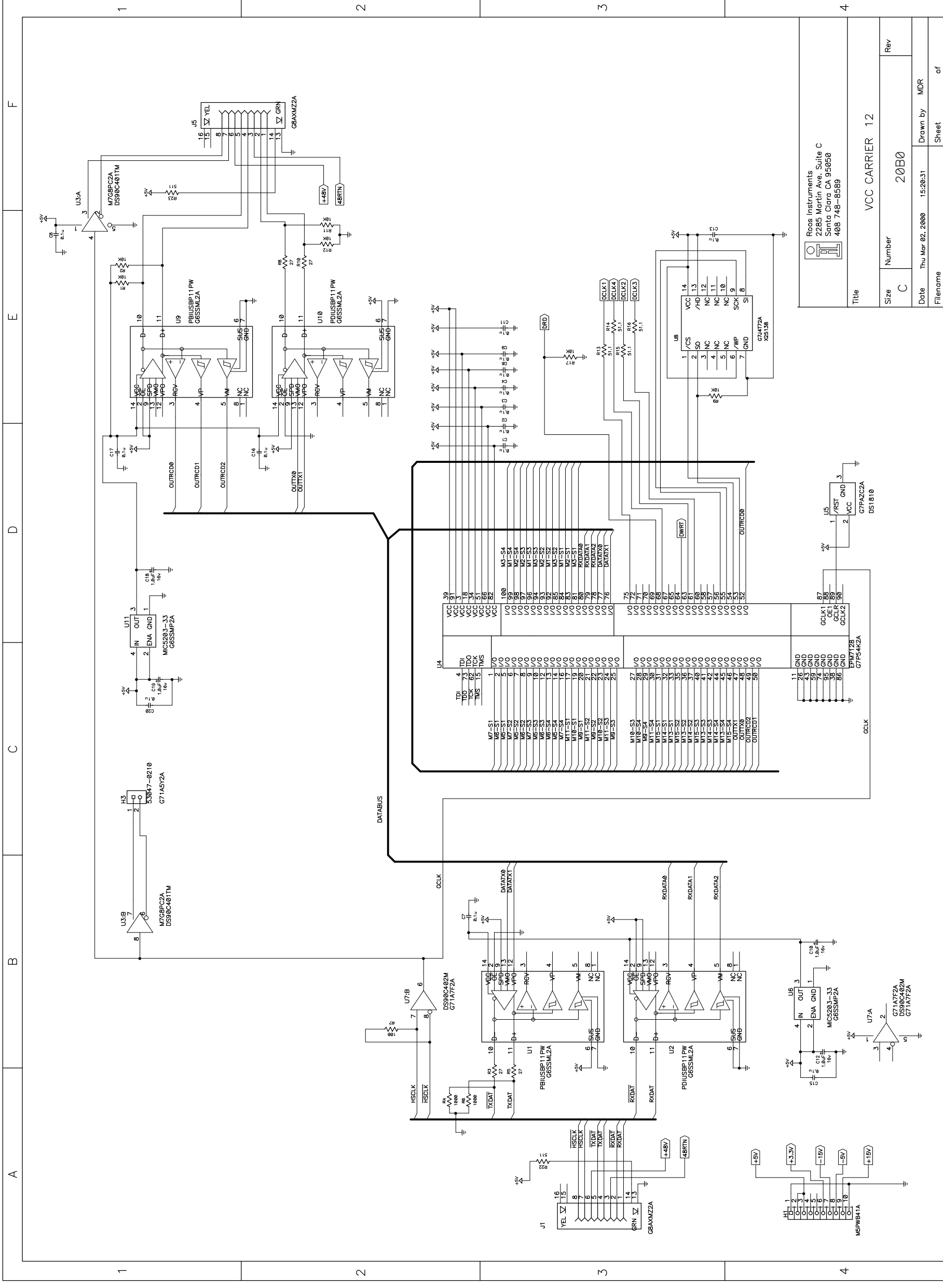
JAA




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VCC CARRIER 12
 Size C
 Number 20B0
 Rev

Date Thu Mar 02, 2000
 Filename Y00020B0.SCH
 Sheet 1 of 2
 Drawn by MDR



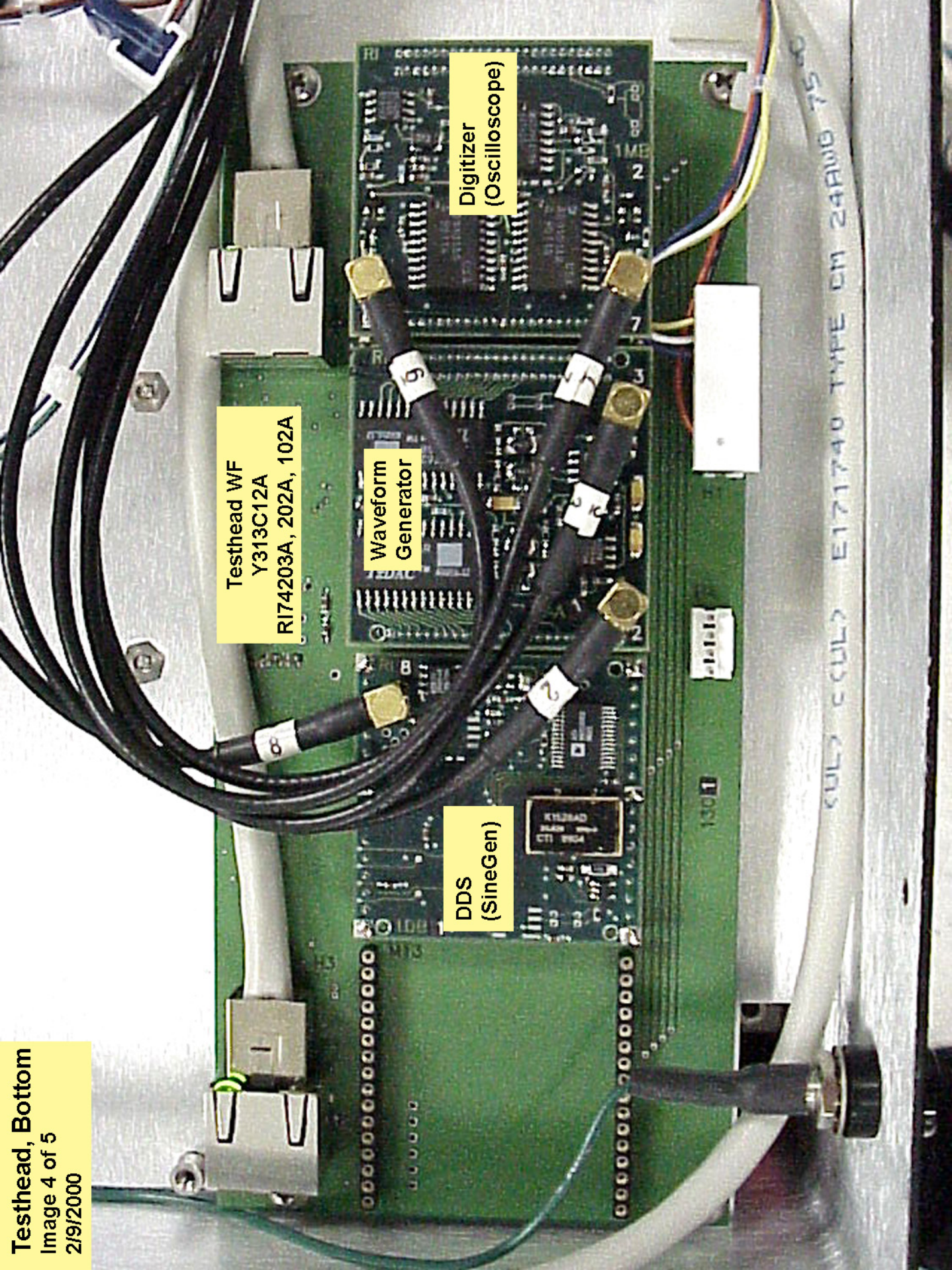
Roos Instruments 2285 Martin Ave, Suite C Santa Clara, CA 95050 408 748-8589	
Title	VCC CARRIER 12
Size	C
Number	20B0
Date	Thu Mar 02, 2000
Filename	15:28:31
Sheet	of
Drawn by	MDR

Testhead WF
Y313C12A
R174203A, 202A, 102A

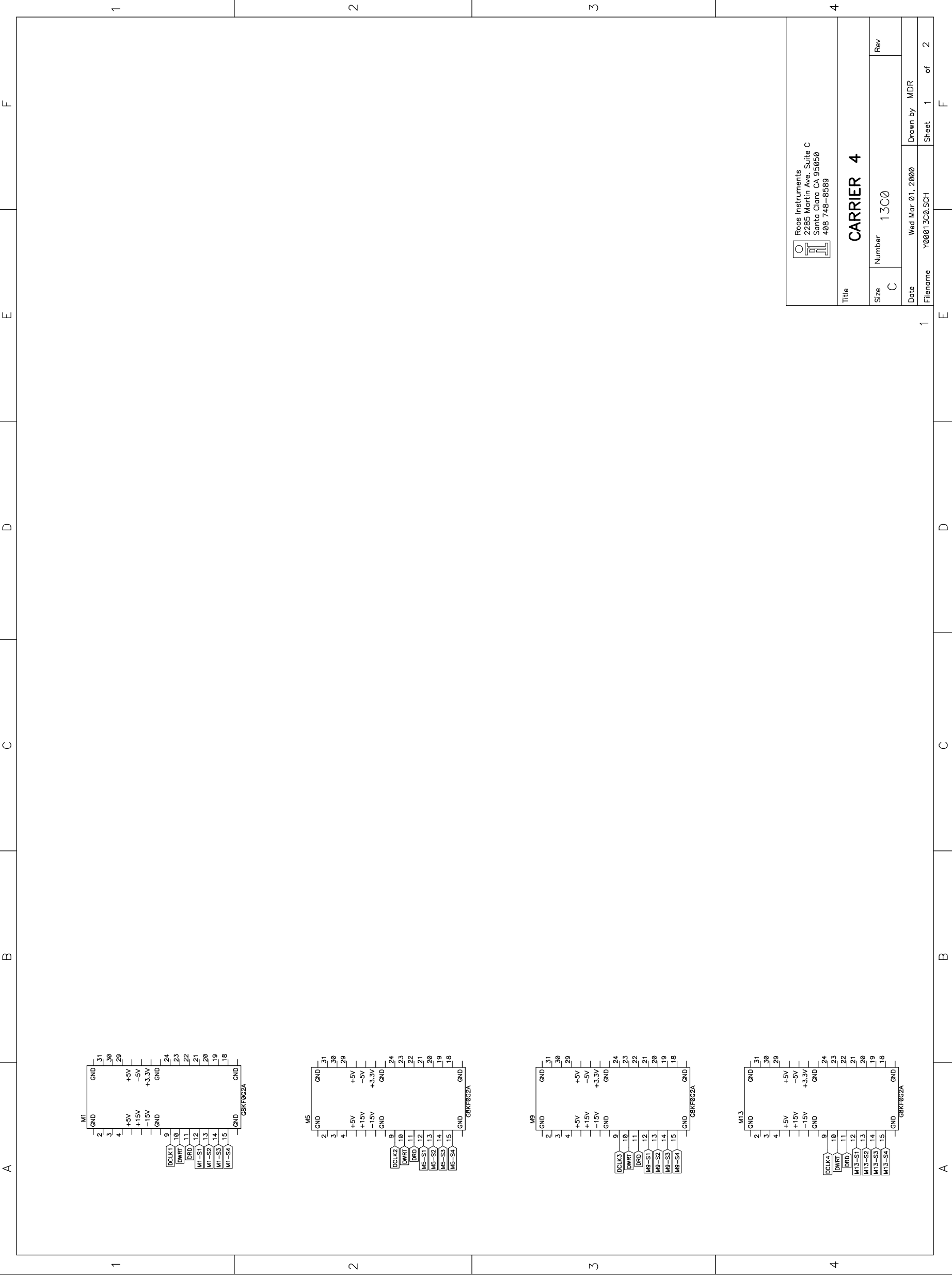
Waveform
Generator

DDS
(SineGen)

Digitizer
(Oscilloscope)



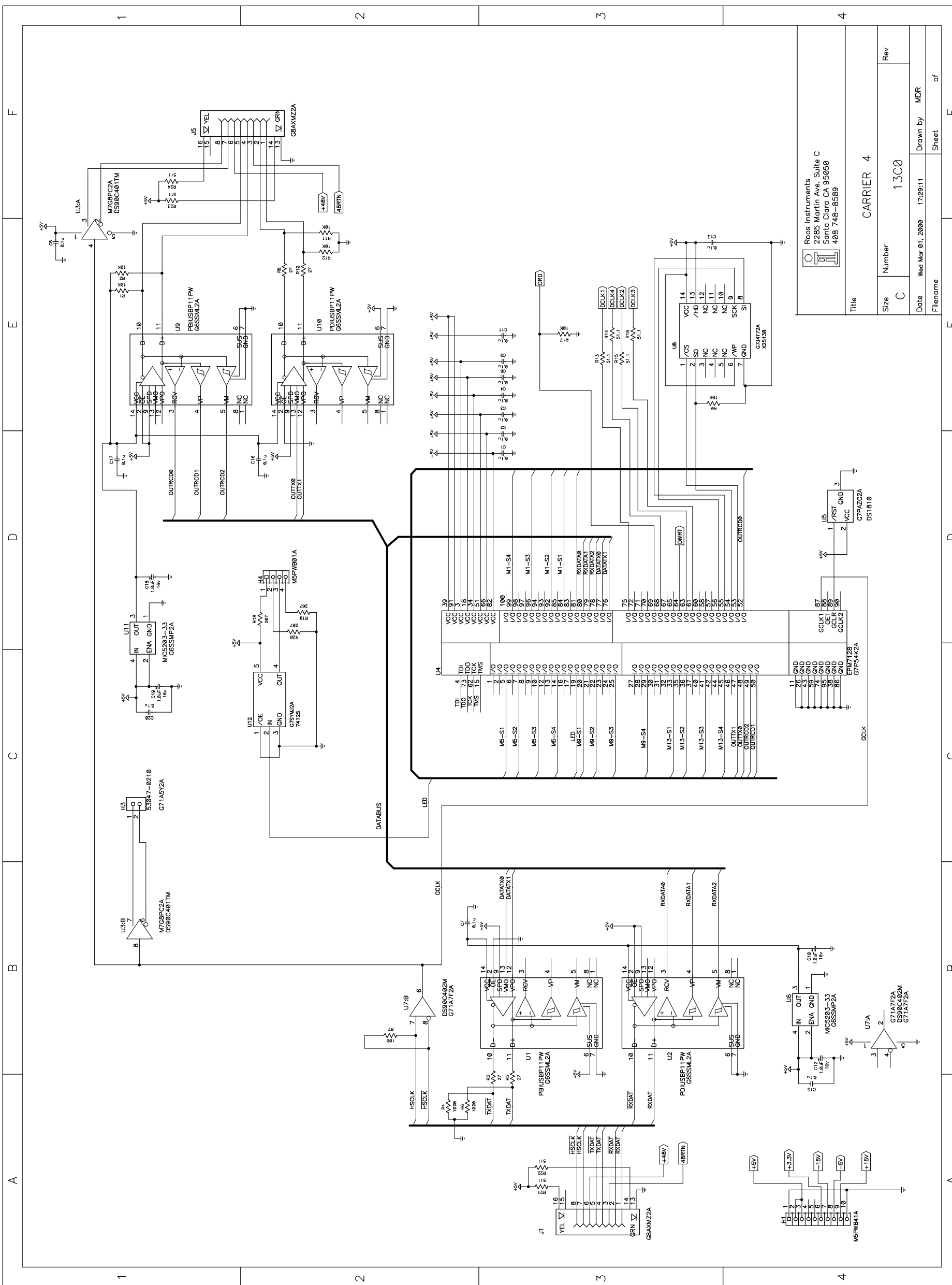
E171740 TYPE CM 24AWG 75-80



A B C D E F

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CARRIER 4		
Size C	Number 13C0	Rev
Date Wed Mar 01, 2000		Drawn by MDR
Filename Y00013C0.SCH		Sheet 1 of 2

A B C D E F



Testhead, Bottom
Image 3 of 5
2/19/2000

