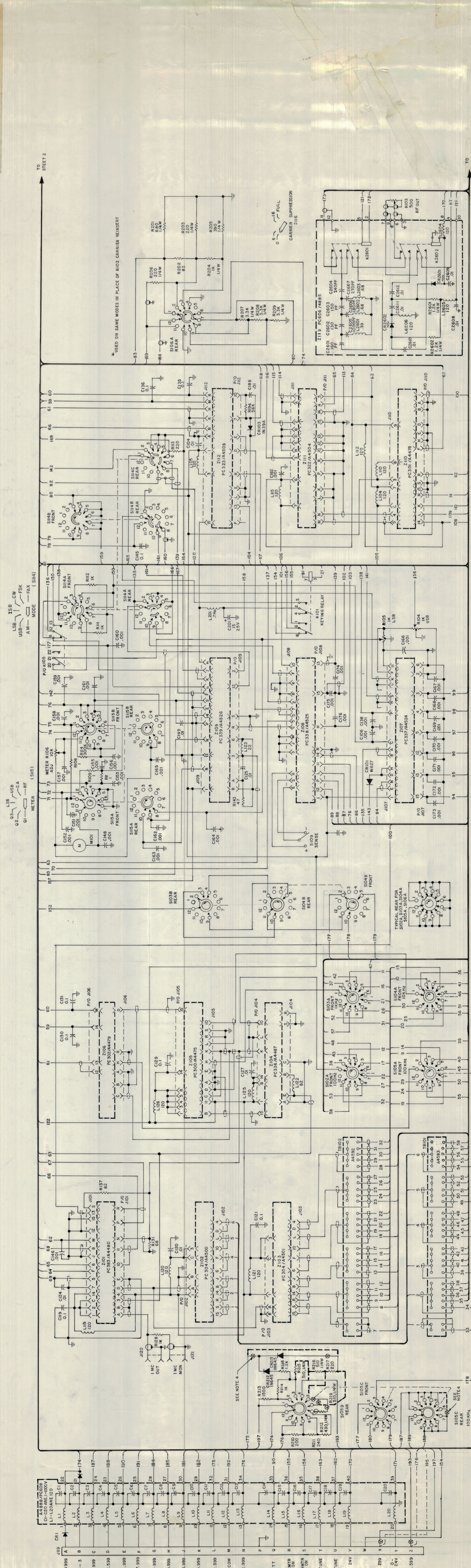


| REV. | DATE | DESCRIPTION |
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| REV. | DATE | DESCRIPTION |
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| REV. | DATE | DESCRIPTION |
|------|------|-------------|
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TO SHEET 2

TO SHEET 2

LIST OF MATERIAL

THE TECHNICAL MATERIEL CORP.  
MANHATTAN, NEW YORK

DIAGRAM SCHEMATIC  
INTERCONNECT (MMXA-1)

82679 CK 2164

SIZE CODE IDENT NO/DWG NO. 82679

SCALE

ISSUE SHEET 1 OF 1

MULTIPLIER 100 HZ

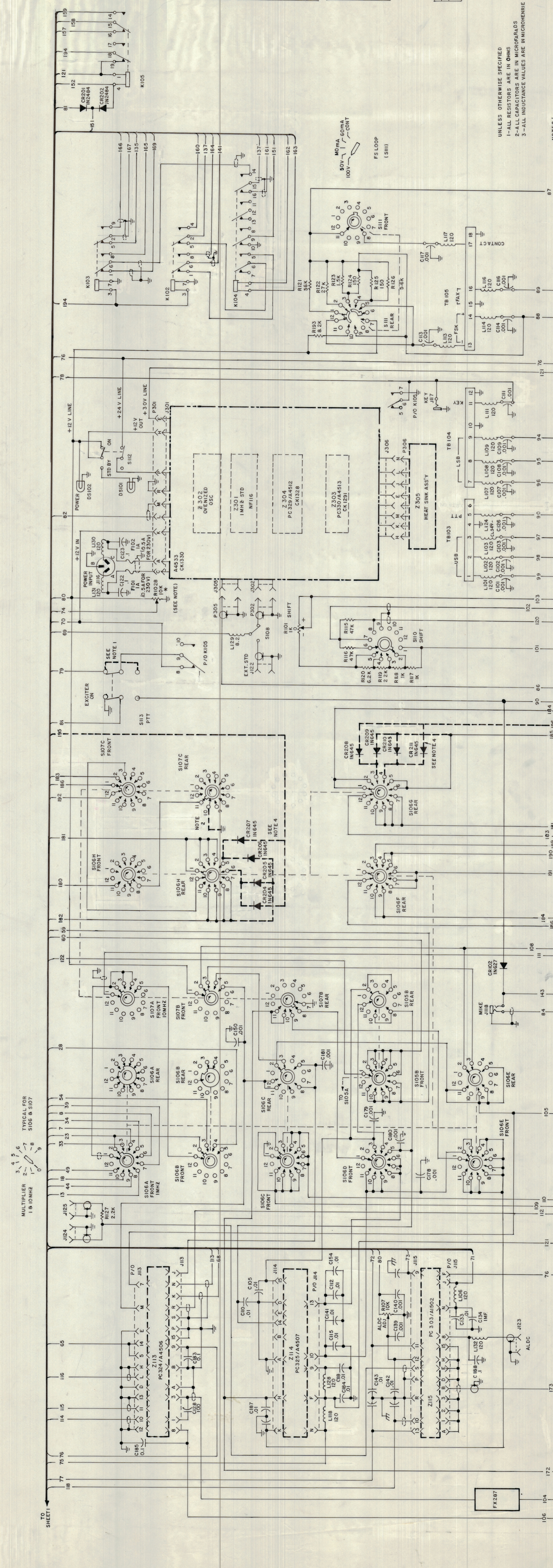
MULTIPLIER 1, 10 & 100 HZ

MULTIPLIER 1, 10 & 100 HZ

TYPICAL REAR PANE  
SIO2A, SIO2B, SIO2C, SIO2D

TYPICAL FOR  
SIO2A, SIO2B & SIO2C

| REV. NO. | DATE | DESCRIPTION | BY | CHKD |
|----------|------|-------------|----|------|
| 1        |      |             |    |      |



| 100 SERIES   |                 |
|--|-----------------|
| LAST SYMBOLS   | MISSING SYMBOLS |
| R100, R101, R102, R103, R104, R105, R106, R107, R108, R109, R110 |                 |

| 100 SERIES   |                 |
|--|-----------------|
| LAST SYMBOLS   | MISSING SYMBOLS |
| R100, R101, R102, R103, R104, R105, R106, R107, R108, R109, R110 |                 |

| 300 SERIES                   |                 |
|------------------------------|-----------------|
| LAST SYMBOLS                 | MISSING SYMBOLS |
| J300, J301, J302, J303, J304 |                 |

| WIRE BREAKOUT NO. |                                  |
|-------------------|----------------------------------|
| LAST              | MISSING                          |
| 197               | 85, 91 - 93, 107, 119, 123 - 134 |

UNLESS OTHERWISE SPECIFIED  
 1-ALL RESISTORS ARE IN OHMS  
 2-ALL CAPACITORS ARE IN MICROFARADS  
 3-ALL INDUCTANCE VALUES ARE IN MICROHENRIES

- NOTES:
- 1-FOR GPR117-3020A1 JUMPER ADDED
  - 2-SLOT C REAR PINN CONNECTION TO GROUND MADE ONLY FOR EXCITER MODEL MMXA-2A
  - 3-DESIGNATIONS IN PARENTHESIS ARE USED FOR HFTA MODEL.
  - 4-WHEN USED WITH A HFTA SERIES TRANSMITTER THE DOTTED LINES (---) ARE NOT USED. WHEN USED WITH A GPT SERIES TRANSMITTER LINES MARKED (---) ARE USED AND THE DOTTED LINES NOT USED.

± 0.5% ± 10% ± 4.425

SHIFT (S101)

| REV. NO. | DATE | DESCRIPTION | BY | CHKD |
|----------|------|-------------|----|------|
| 1        |      |             |    |      |

| LIST OF MATERIAL                         |                      |
|--|----------------------|
| THE TECHNICAL MATERIEL CORP.             | MANHATTAN, NEW YORK  |
| DIAGRAM SCHEMATIC INTERCONNECT (MMXA - ) |                      |
| SIZE                                     | CODE IDENTIFYING NO. |
| 82679                                    | CK 2164              |
| SCALE                                    | SHEET 2 OF 2         |