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TECHNOLOGY GROUP

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ANALOGIC

ANALOGIC CORPORATION · AUDUBON ROAD · WAKEFIELD, MASSACHUSETTS 01880 · TEL (617) 246-0300 · TWX (710) 348-0425

TEST DATA

AN 2344 ANALOG-TO-DIGITAL CONVERTER

Model No. M-10-RX-16B Serial No. 7729 6679 Special Modification NONE

1. Calibration

   A. Conditions:

   1. First Integration Period Duration 16.6 Ms.
   2. Internal Reference Supply . . . . 6.29 V.
   3. External Reference Supply . . . . N/A V.
   4. Guard Isolation . . . . . ✓

   B. Input Voltage vs. Reading

Input Voltage	Output Reading −	0	+	Required Reading
00.000			0	00000
00.010	-1		-1	00010 ±1
01.000	-1		-1	01000 ±1
02.000	-1		-1	02000 ±1
03.000	0		0	03000 ±1
04.000	0		0	04000 ±1
05.000	0		0	05000 ±1
06.000	0		0	06000 ±1
07.000	0		0	07000 ±1
08.000	0		0	08000 ±1
09.000	0		0	09000 ±1
10.000			0	10000 ±2

2. Positive Clamp Voltage ≃6.0 V.
3. Negative Clamp Voltage ≃6.0 V.
4. Bias Current . . . . . 0 nA. (5 conversions/sec/)
5. Supply Voltage Sensitivity:

   A. Variation in Full Scale for +14.5 to +15.0V. Variation:
   + Full Scale 0 Counts.
   - Full Scale 0 Counts.

   B. Normal +15V Supply N/A Volts.
   +15 volt supply current N/A mA.

   C. Normal -15V Supply N/A Volts.
   -15 volt supply current N/A mA.

Test Engineer A.T.R. ; Q.C. Acceptance QA-10 Date 7/21/77

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