ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

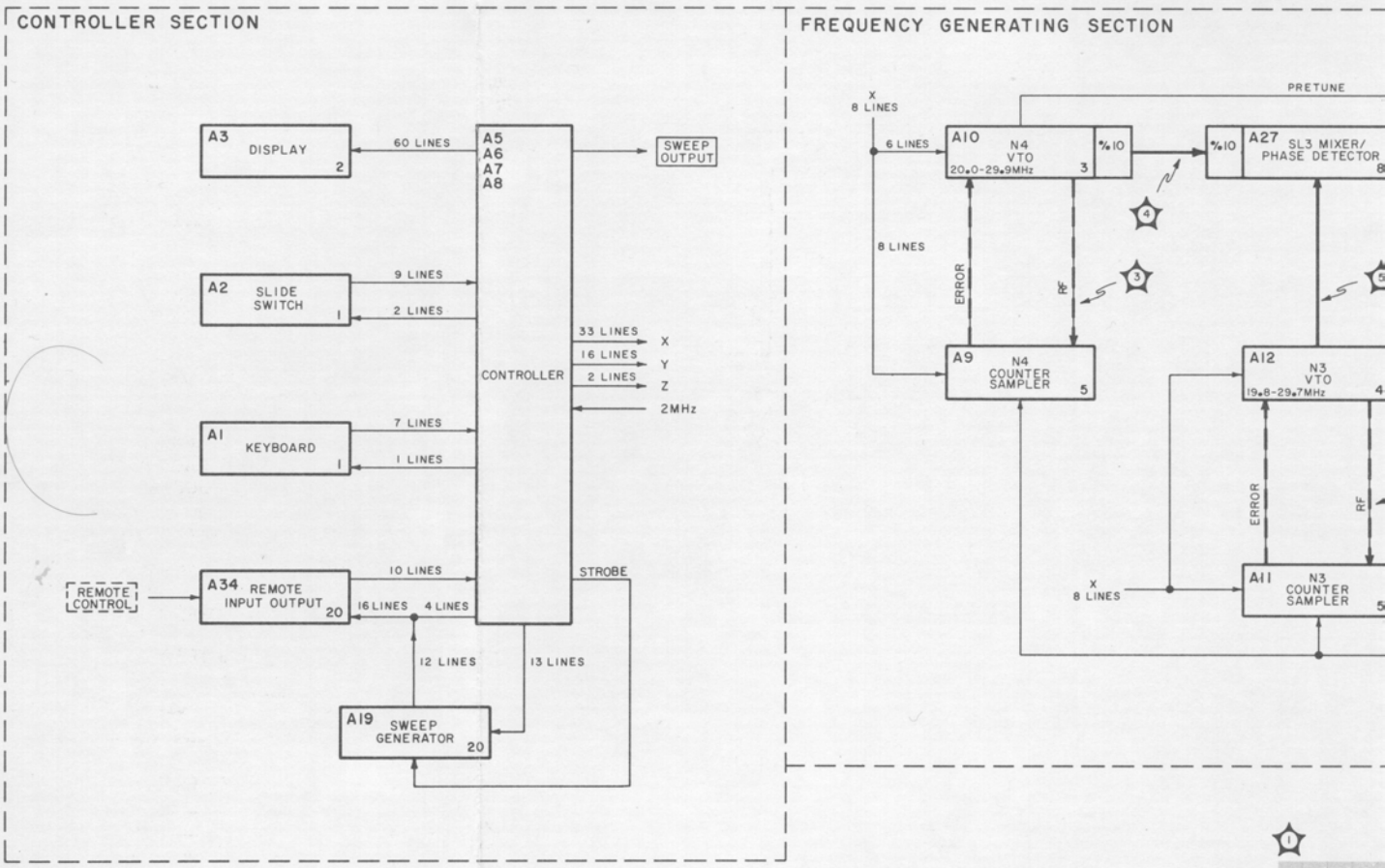
Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

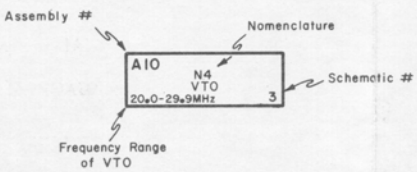
All trademarks, brand names, and brands appearing herein are the property of their respective owners.

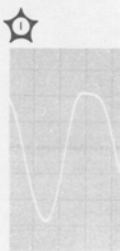
Find the *Keysight / Agilent 3330B* at our website: ***Click HERE***

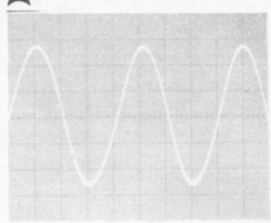


NOTE

FOR ALL WAVEFORMS, THE 3330A/B SHOULD BE PROGRAMMED FOR MAXIMUM OUTPUT VOLTAGE AT 12.7777777 MHz. ALL WAVEFORM MEASUREMENTS WERE MADE WITH RESPECT TO CHASSIS GROUND USING AN OSCILLOSCOPE WITH A 10:1 PROBE. A VARIATION OF 10% SHOULD BE ALLOWED IN ALL VOLTAGE INDICATIONS. ALL MEASUREMENT POINTS DESIGNATED ARE AVAILABLE ON BOTTOM OF MOTHER BOARD.

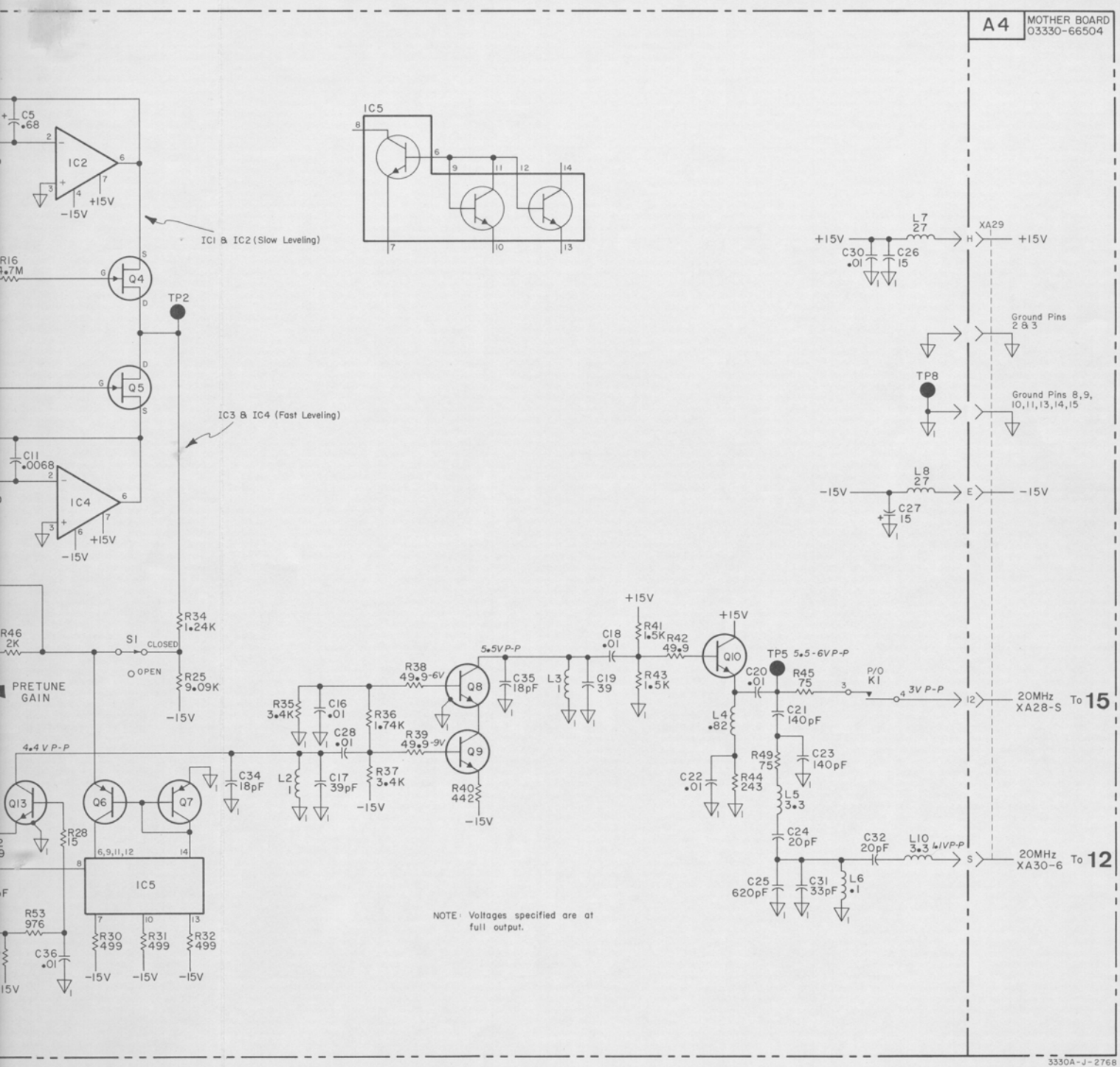






6. MEASUREMENT POINT: XA21 N2SL2RF
OSCILLOSCOPE SETTINGS:
VOLTS/DIV .005
TIME/DIV .1 μsec
HORIZONTAL MAG X10

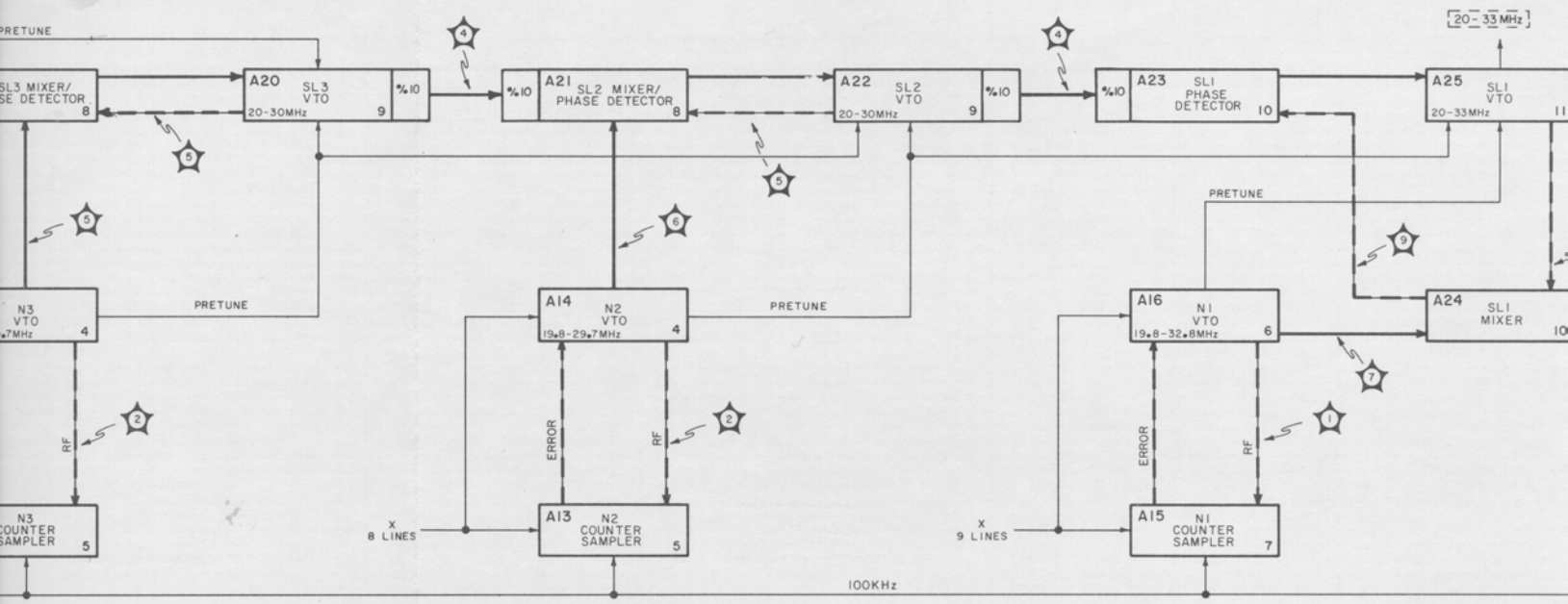
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

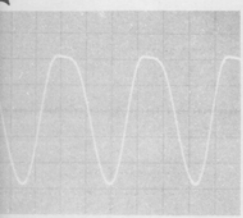


17

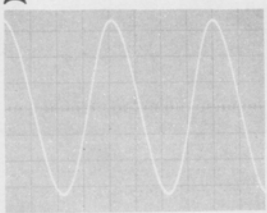
Figure 7-22. Amplitude Modulator A29B.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

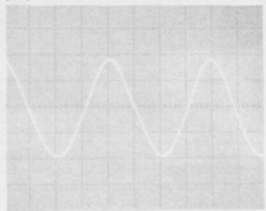




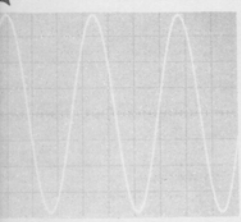
1. MEASUREMENT POINT: XA15 N1RF
OSCILLOSCOPE SETTINGS:
VOLTS/DIV .01
TIME/DIV .1 μsec
HORIZONTAL MAG X10



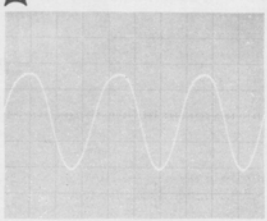
2. MEASUREMENT POINT: XA13 N2RF, XA11 N3RF
OSCILLOSCOPE SETTINGS:
VOLTS/DIV .01
TIME/DIV .1 μsec
dc OFFSET 0.62 V
HORIZONTAL MAG X10



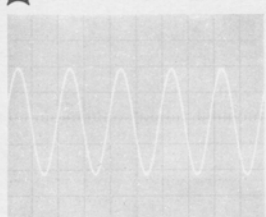
3. MEASUREMENT POINT: XA9 N4RF
OSCILLOSCOPE SETTINGS:
VOLTS/DIV .01
TIME/DIV .1 μsec
dc OFFSET 0.7 V
HORIZONTAL MAG X10



7. MEASUREMENT POINT: XA24 N1SL1RF
OSCILLOSCOPE SETTINGS:
VOLTS/DIV .005
TIME/DIV .1 μsec
HORIZONTAL MAG X10

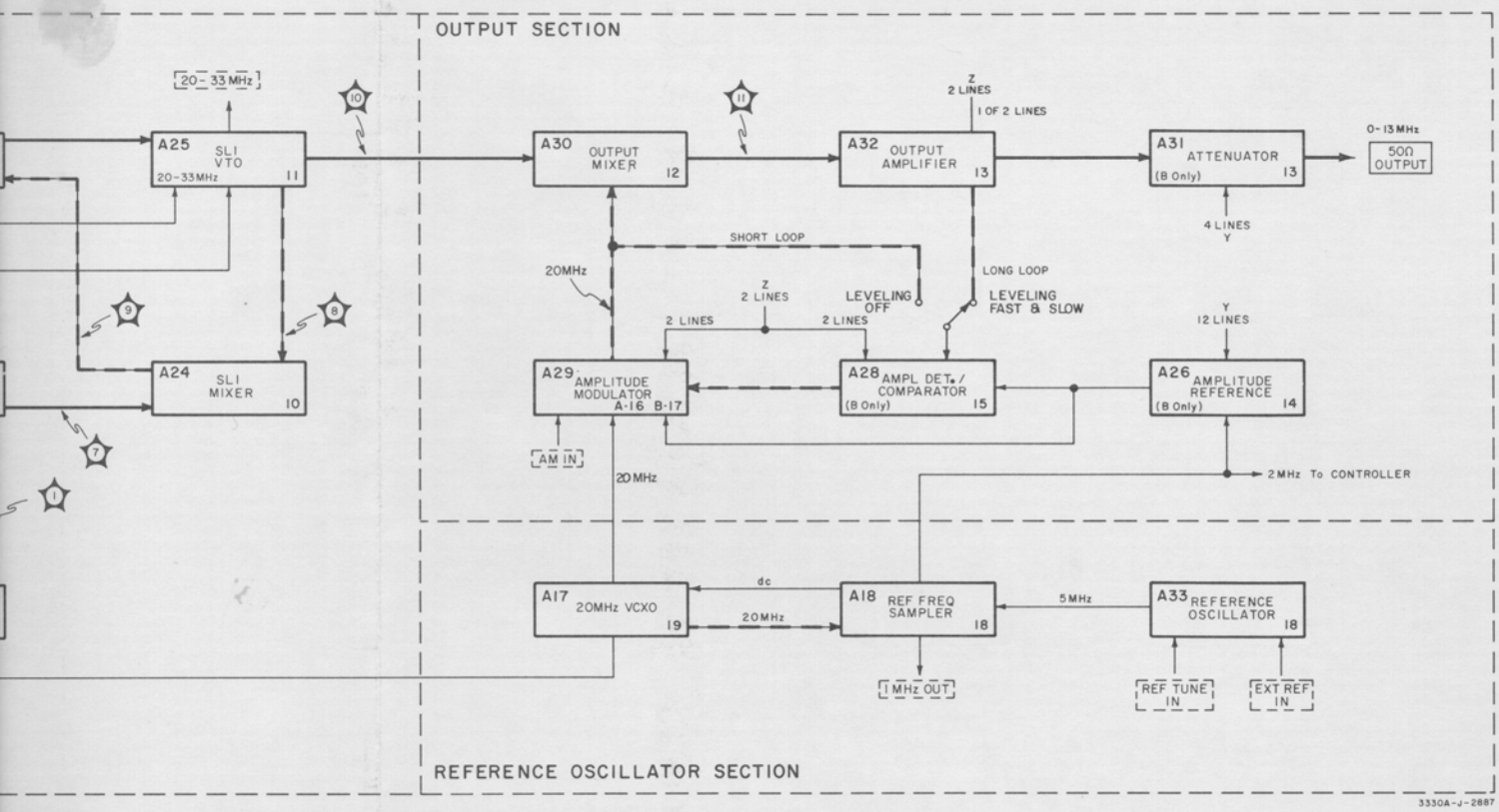


8. MEASUREMENT POINT: XA24 SL1RF
OSCILLOSCOPE SETTINGS:
VOLTS/DIV .01
TIME/DIV .1
HORIZONTAL MAG X10



9. MEASUREMENT POINT: XA23 IF
OSCILLOSCOPE SETTINGS:
VOLTS/DIV .05
TIME/DIV 2 μsec
HORIZONTAL MAG X1
dc OFFSET 7.75 V

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com



3. MEASUREMENT POINT: XA9 N4RF
OSCILLOSCOPE SETTINGS:

VOLTS/DIV	.01
TIME/DIV	.1 μsec
dc OFFSET	0.7 V
HORIZONTAL MAG	X10

4

4. MEASUREMENT POINT:
XA27 SL3REF, XA21 SL2REF, XA23 SL1REF
OSCILLOSCOPE SETTINGS:

VOLTS/DIV	.1
TIME/DIV	.1 μsec
dc OFFSET	-1.3 V
HORIZONTAL MAG	X1

5

5. MEASUREMENT POINT:
XA27 N3SL3RF, XA27 SL3RF, XA21 SL2 RF
OSCILLOSCOPE SETTINGS:

N3SL3RF:	VOLTS/DIV	.005
	TIME/DIV	.1 μsec
	HORIZONTAL MAG	X10
SL3RF,SL2RF:	VOLTS/DIV	.01
	TIME/DIV	.1 μsec
	HORIZONTAL MAG	X10

9. MEASUREMENT POINT: XA23 IF
OSCILLOSCOPE SETTINGS:

VOLTS/DIV	.05
TIME/DIV	2 μsec
HORIZONTAL MAG	X1
dc OFFSET	7.75 V

10

10. MEASUREMENT POINT: XA25 20-33 MIX
OSCILLOSCOPE SETTINGS:

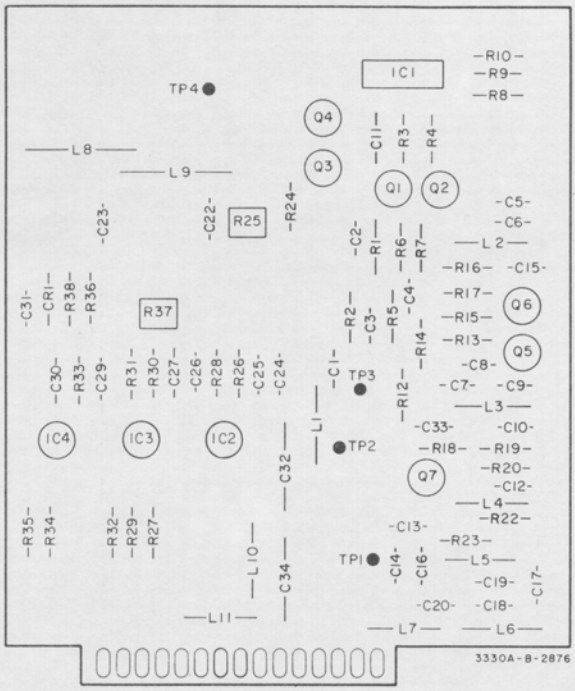
VOLTS/DIV	.02
TIME/DIV	.1 μsec
HORIZONTAL MAG	X10

11

11. MEASUREMENT POINT: XA32 0-13

Figure 7-5. Functional Block Diagram and Schematic Notes.

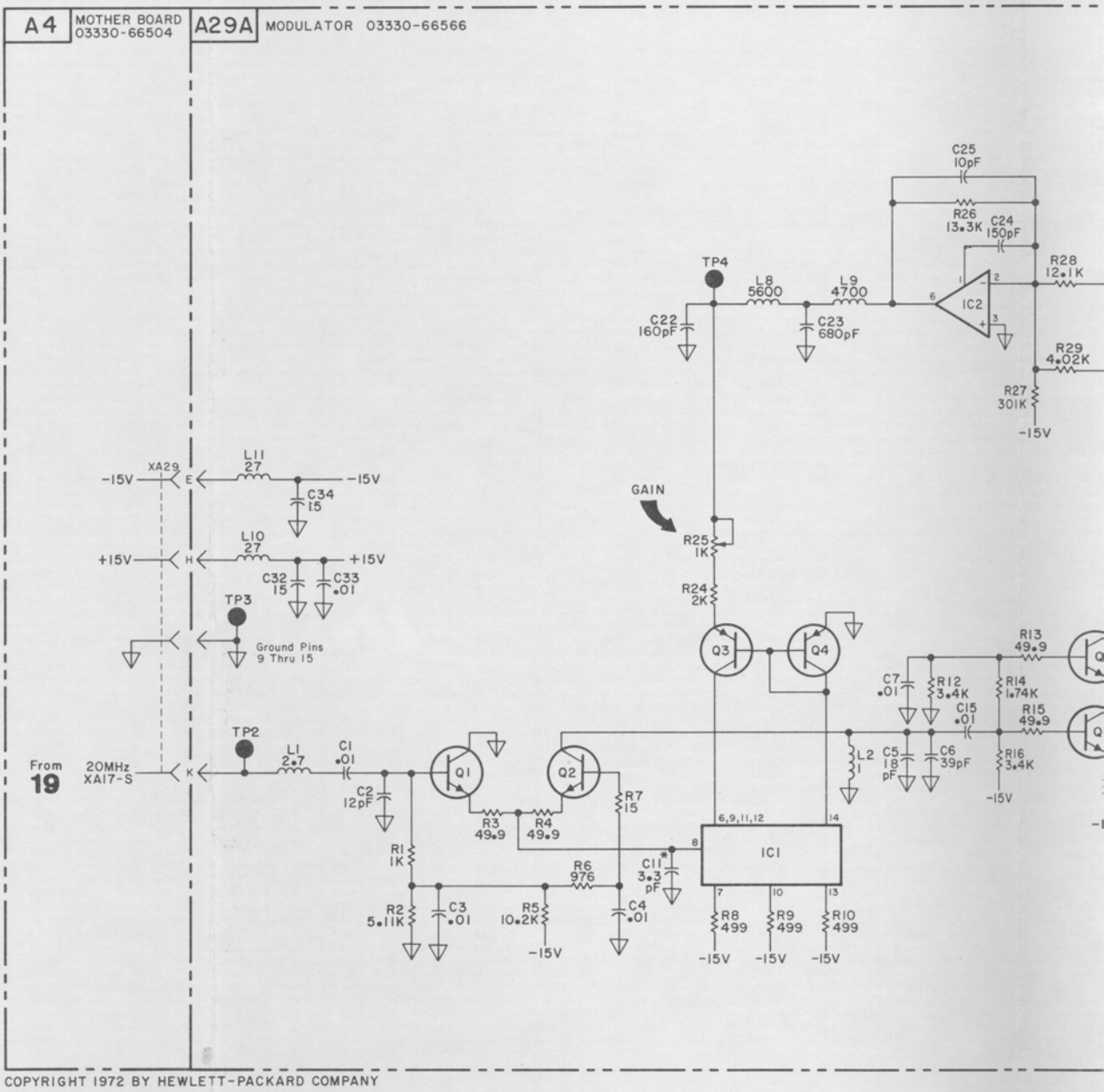
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com



A29A

hp Part No. 03330-66566

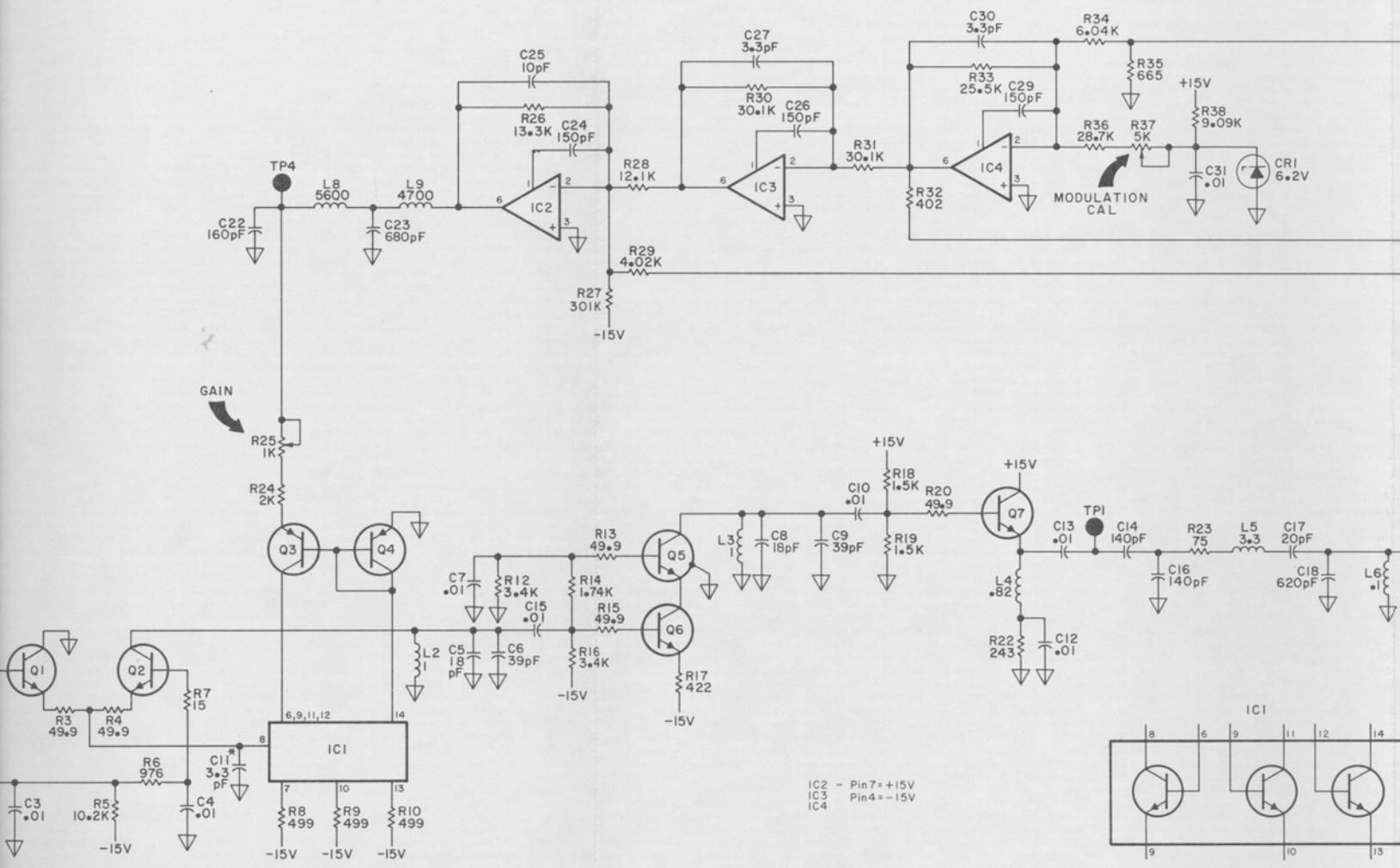
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com



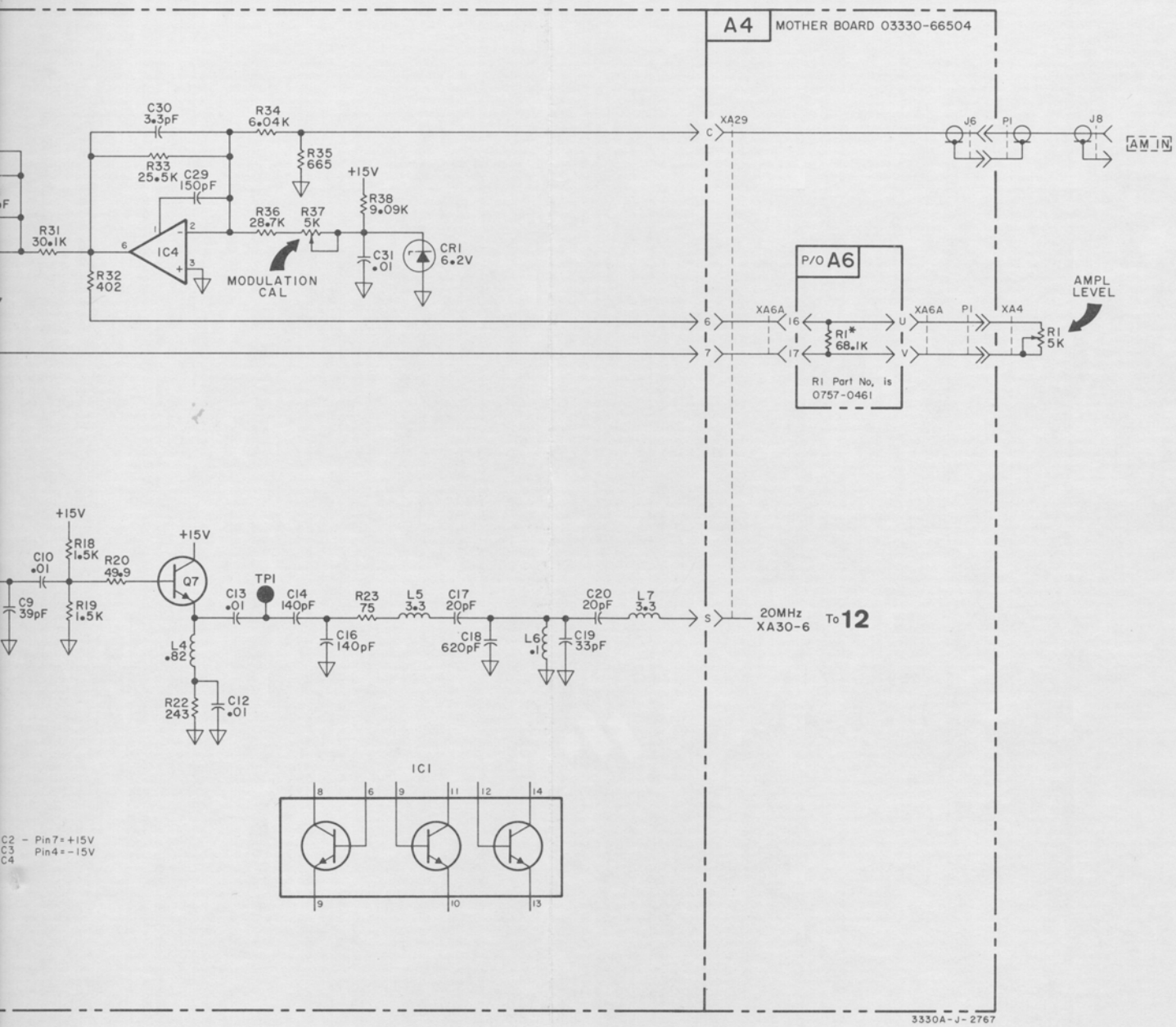
COPYRIGHT 1972 BY HEWLETT-PACKARD COMPANY

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

66566



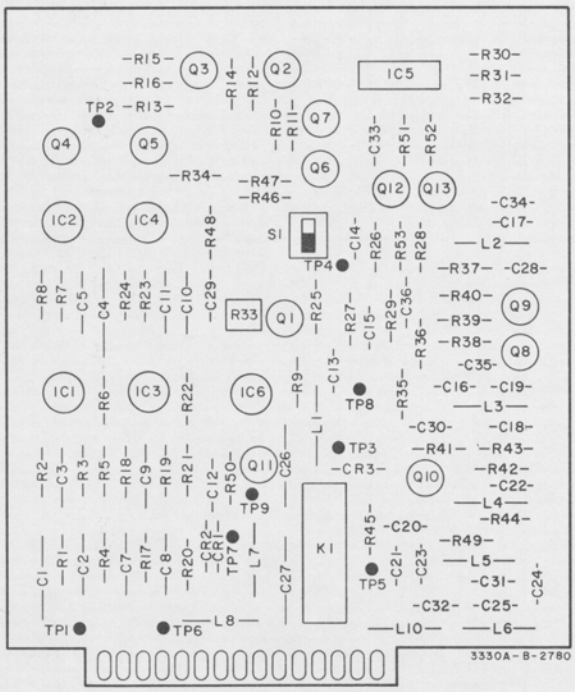
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com



16

Figure 7-21. Amplitude Modulator A29A.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com



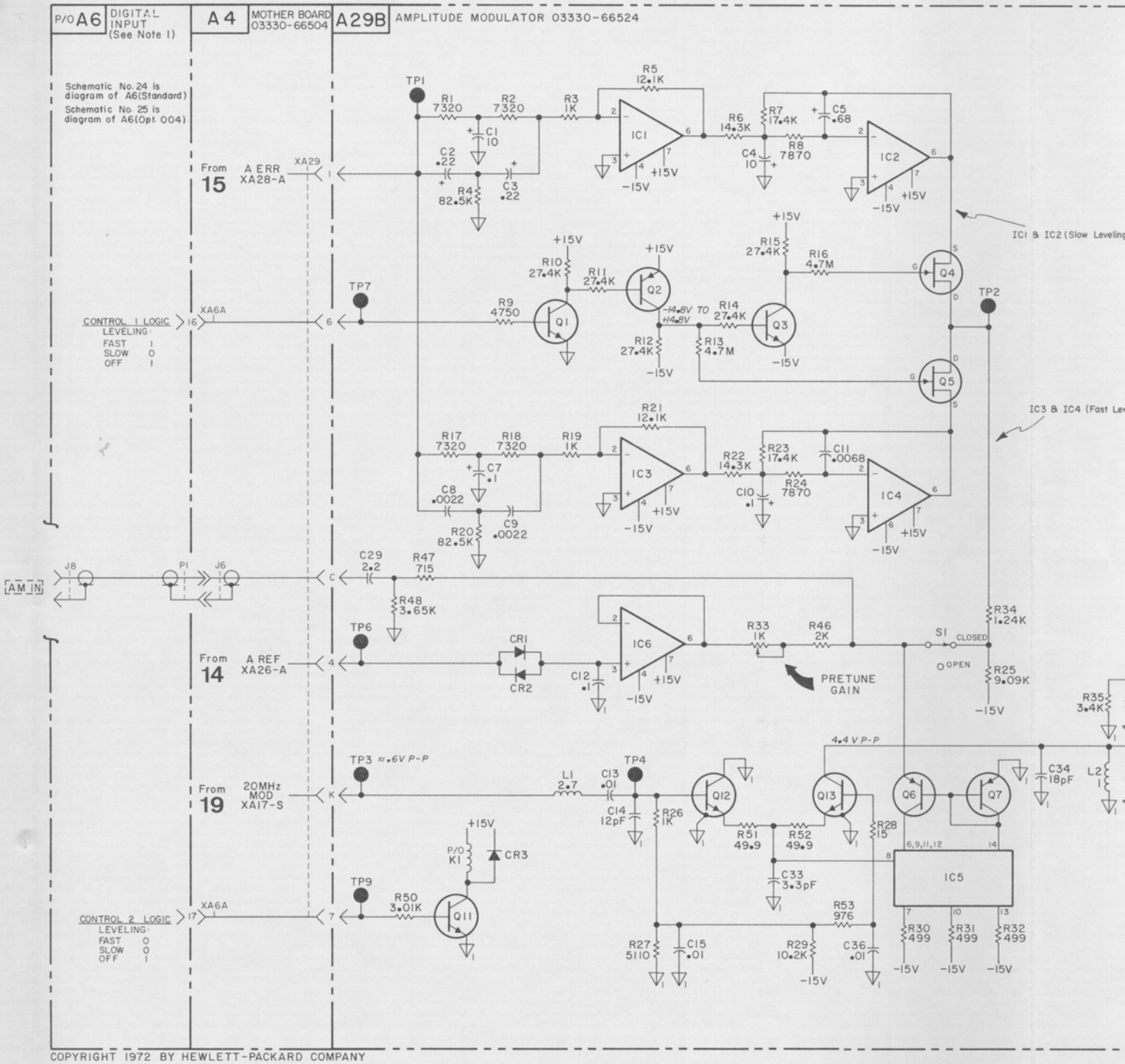
A29B

hp Part No. 03330-66524

NOTE 1

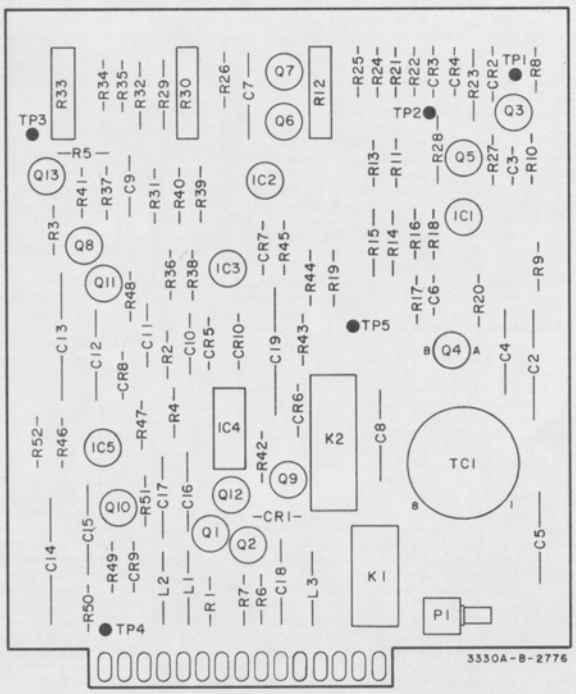
03330-66576 (3330B STANDARD)
03330-66577 (3330B OPTION 004)
03330-66578 (3330A STANDARD)
03330-66579 (3330A OPTION 004)

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com



COPYRIGHT 1972 BY HEWLETT-PACKARD COMPANY

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com



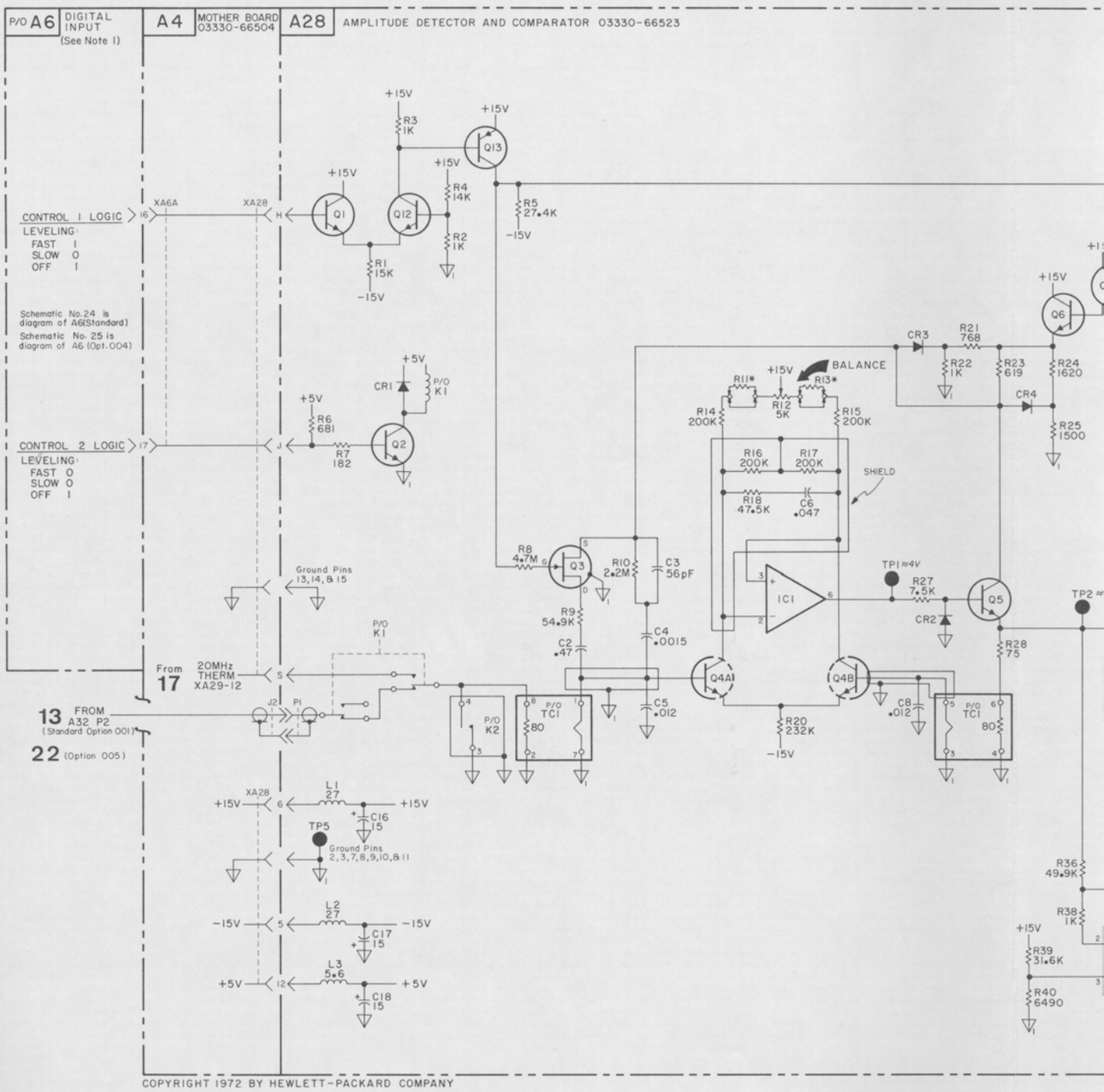
A28

hp Part No. 03330-66523

NOTE 1

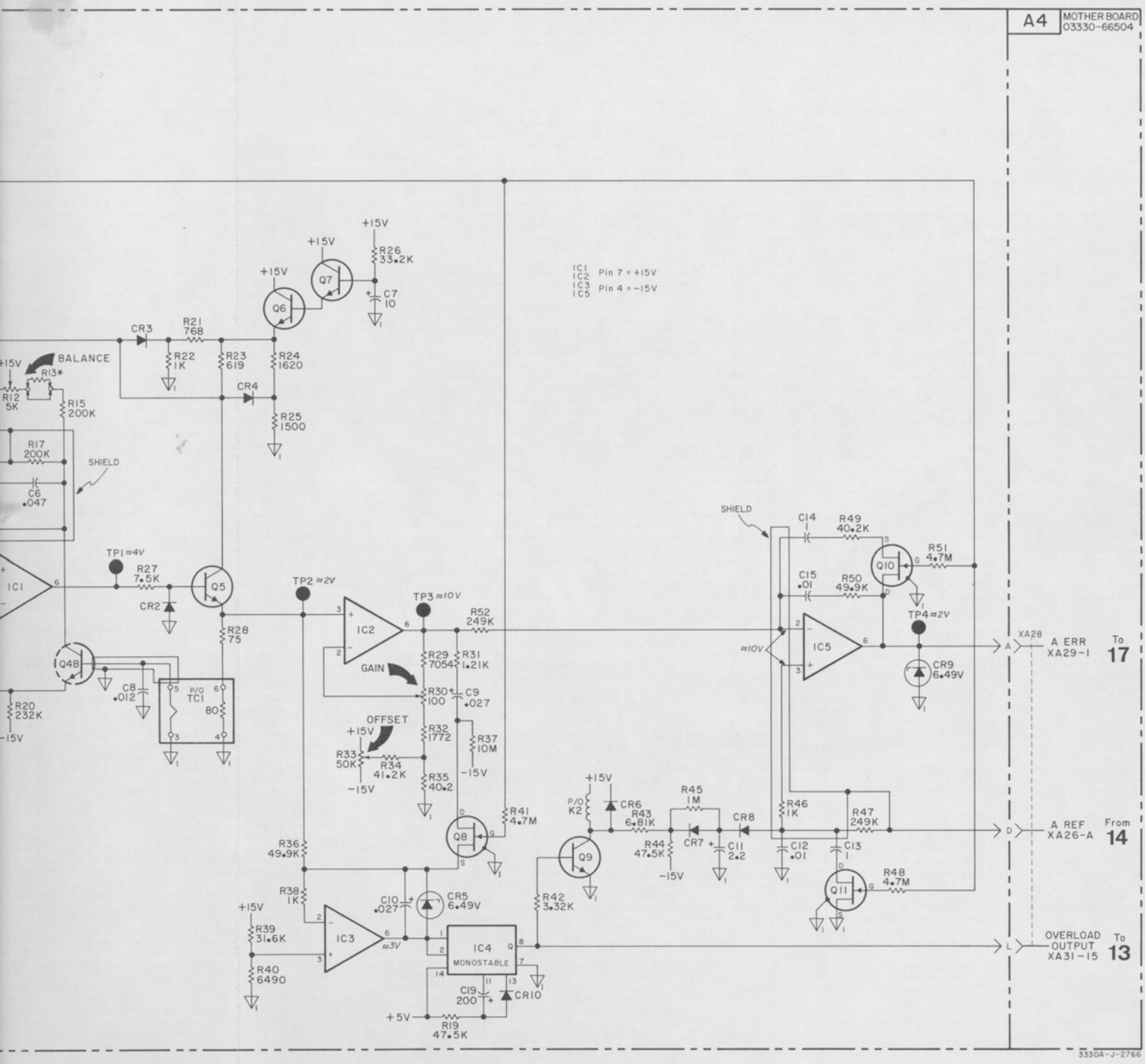
03330-66576 (3330B STANDARD)
03330-66577 (3330B OPTION 004)
03330-66578 (3330A STANDARD)
03330-66579 (3330A OPTION 004)

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com



COPYRIGHT 1972 BY HEWLETT-PACKARD COMPANY

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com



15

Figure 7-20. Amplitude Detector/Comparator A28.

7-51/7-52

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP