



REMOTE PROGRAMMING CODES FOR 534A OPT 12

1. FUNCTION

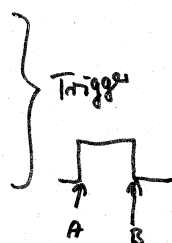
- a. Plug in F2
- b. *Frequency A F0
- c. Period F1
- d. Time Interval A to B F3
- e. Ratio B/A F5
- f. Start F4
- g. Stop F6

2. GATE TIME

- a. 10000sec G4
- b. 1000sec G3
- c. 100sec G2
- d. 10sec G1
- e. *1sec G0
- f. 100ms G7
- g. 10ms G>
- h. 1ms G=
- i. 100μs G<
- j. 10μs G;
- k. 1μs G:
- l. 100nsec G9
- m. Min G5

3. SLOPE

- Slope B+ } E0
- Slope B- } E8
- Slope A+ } E6
- Slope A- } E>



4. TRIGGER LEVELS

- Level A ADDD
- Level B BDDD
- D=ASCII Gigit 0-9
- Trigger Level in Voltage =
- + .499 to -.500
- AL.DDD

5. SAMPLE RATE

(Wait Time Between Measurement)

- a. *Not Hold E1
 - 1. SAM Min Time E< (1-5 msec)
 - 2. SA+ 50 msec time E4 (Required for Start Function)
- b. Hold E9
 - 1. Take a measurement J1 (Sample trigger, only in b above)

6. OUTPUT MODE

- *a. ONLY Output only if E2 addressed to Talk; bypass if not
- b. WAIT Hold current E: measurement until addressed to Talk

7. RESET

- a. Machine Reset 11
- b. Remote Program Initialize 12

MODEL		STK NO	
REMOTE PROGRAMMING CODES FOR 534A OPT 12			
BY Bill Birdsell		DATE 3-12-75	
APPD		SHEET NO 1 OF 2	
SUPERSEDES		DWG NO A-ET9500-97016-2	
PC NO	APPROVED	DATE	REVISIONS


8. DECIMAL POINT POSITION WITHIN
11 DIGIT MANTISS DISPLAY

(Digit Position Defined
from Right to Left,
Decimal Point on Right
Side of Digit)

DIGITS

- | | |
|---|----|
| a. <u>D0</u> | D; |
| b. <u>D1</u> | D: |
| c. <u>D2</u> | D9 |
| d. <u>D3</u> | D8 |
| e. <u>D4</u> | D? |
| f. <u>D5</u> | D> |
| g. <u>D6</u> | D= |
| h. <u>D7</u> | D< |
| i. <u>D8</u> | D3 |
| j. <u>D9</u> | D2 |
| k. <u>D10</u> | D1 |
| l. *Auto Position +
Auto Suffix Multiplier | D0 |

10. CHECK

- | | |
|-----------------------------|----|
| a. <u>COM A</u> or Separate | E7 |
| b. <u>Check</u> | E? |

11. REMOTE GATING

- | | |
|---|----|
| a. <u>Enable a Rear Panel</u>
<u>External Gate</u> | E; |
| b. <u>Disable Rear Panel</u>
<u>External Gate</u> | E3 |

12. A-B SW

- | | |
|--------------|----|
| * <u>A+B</u> | E5 |
| <u>A-B</u> | E= |

13. READ

Return a Reading

14. LOCAL - REMOTE

Goes to Remote per Bus Rules

9. SET DISPLAY MULTIPLIER SUFFIX

(When not in Auto: D0)

<u>IN FREQ.</u>	<u>IN PERIOD</u>	
-----------------	------------------	--

- | | | |
|------------|-------------|----|
| <u>GHz</u> | <u>nsec</u> | C7 |
| <u>MHz</u> | <u>usec</u> | C6 |
| <u>kHz</u> | <u>msec</u> | C5 |
| <u>Hz</u> | <u>sec</u> | C4 |
| <u>MLH</u> | <u>Ksec</u> | C3 |

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