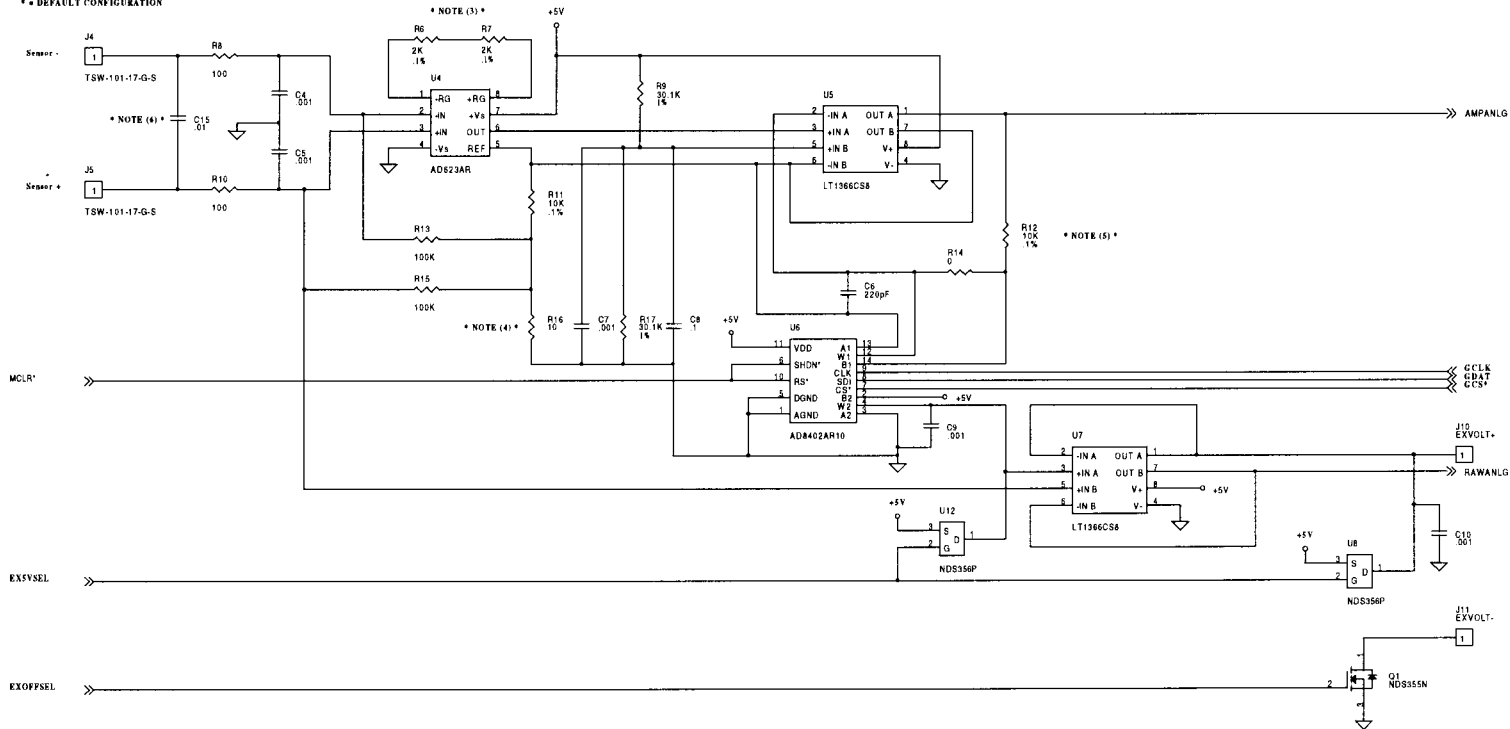


NOTES : (unless otherwise noted),

- (1) ALL RESISTOR VALUES ARE IN OHMS.
- (2) ALL CAPACITOR VALUES ARE IN MICROFARADS.
- (3) GAIN CALCULATION FOR R₄ AND R₇.
- GAIN = 100KOHMS/(G-1)
- WHERE G = DESIRED GAIN
- | GAIN | R ₄ | R ₇ |
|------|----------------|----------------|
| 30 | 147 | 3.3K |
| * 25 | 2K | 2K |
| 10 | 1K | 10K |
- (* 1% RESISTORS ONLY.)
- (4) UNIPOLAR OR BIPOLAR MODE SELECTION USING R₁₄.
- * BIPOLAR = R₁₄ DNP
- UNIPOLAR = R₁₄ 10 OHMS INSTALLED
- (5) AD642 OPERATION USING R₁₂ AND R₁₄.
- | | R ₁₂ | R ₁₄ |
|---------|-----------------|--------------------------------------|
| * 10K 0 | | (AD642 CONTROLS LOWER LEG OF DIVIDE) |
| 0 DNP | | (AD642 CONTROLS ALL GAIN) |
- (6) INSTALL C₁₅ FOR SINGLE CHANNEL CONFIGURATION.

• • DEFAULT CONFIGURATION



Name	J HOWE	Date	11/5/99
Checked		Date	
Engineering		Date	
Quality Assurance		Date	



Summation Research, Inc.

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Size	Document Number	Key
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Date	Friday, December 03, 1998	Sheet 2 of 3