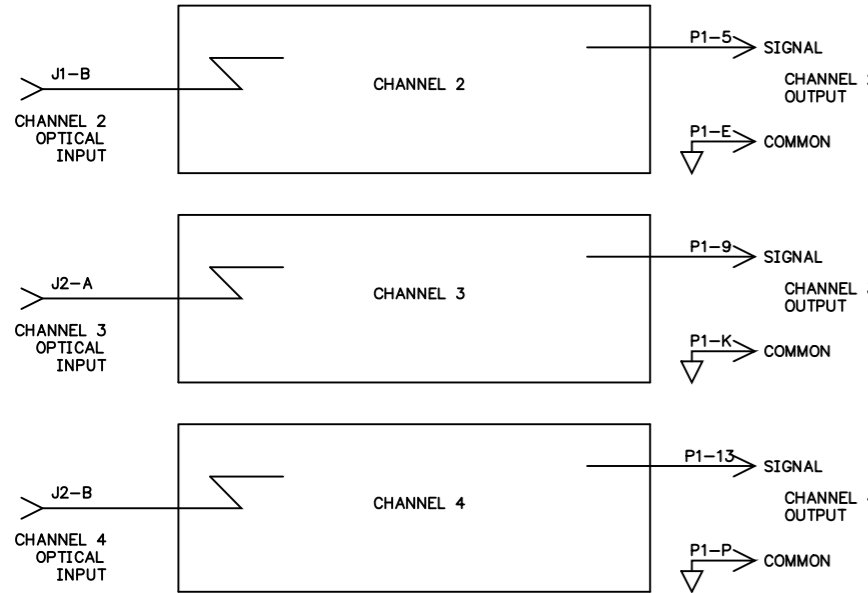


- NOTES:**
1. THE FIRST DIGIT IN THE COMPONENT NUMBER INDICATES THE CHANNEL IN WHICH IT IS USED. FOR EXAMPLE, RX01 IS R101 FOR CHANNEL 1 AND R401 FOR CHANNEL 4.
 2. "*" INDICATES THAT A COMPONENT VALUE CHANGES WITH THE OPTION USED. SEE OPTION TABLE.
 3. FOR POSITIVE POLARITY OPTIONS, INSTALL RX15 AND RX18. DELETE CX10, RX20, RX21 AND RX22. INSTALL CRX01 FOR POSITIVE POLARITY OUTPUT. SEE OPTION TABLE FOR VALUES.
 4. FOR NEGATIVE POLARITY OPTIONS, INSTALL CX10, RX20, RX21 AND RX22. DELETE RX15 AND RX18. INSTALL CRX01 FOR NEGATIVE POLARITY OUTPUT. SEE OPTION TABLE FOR VALUES.
 5. ADJUST RX12 (ZERO ADJ.) FOR ZERO OUTPUT VOLTAGE AT THE FREQUENCY SPECIFIED IN QA# E-377.
 6. ADJUST RX17 (GAIN ADJ.) FOR FULL SCALE OUTPUT VOLTAGE AT THE MAXIMUM INPUT FREQUENCY.
 7. J1 AND J2 ARE 2 POSITION OPTICAL CONNECTORS.
 8. P1 IS A 15 POSITION DUAL READOUT EDGE CONNECTOR.
 9. RX09 AND CX04 ARE LOW TEMPERATURE DRIFT COMPONENTS.
 10. BOARDS MADE PREVIOUS TO 6/13 USED 81C000453 FOR IX01.
 11. ON BOARDS MADE BEFORE S/N 31440, QX01 WAS FPT-100, RX06,7 WERE 1M OHM, AND CX03 WAS .01UF.



PART NO.					FUNCTION		
CHOOSE ONE OPTION FOR EACH CHANNEL					INPUT FREQUENCY	OUTPUT VOLTAGE	NOMINAL BANDWIDTH
ORA	CH 4	CH 3	CH 2	CH 1			
2HC	1	0	0	0	9	EMPTY	
	1	1	1	1		1 TO 10 KHZ	0 TO+10 VDC 10 HZ
	2	2	2	2		1 TO 10 KHZ	0 TO-10 VDC 10 HZ
	3	3	3	3		1 TO 10 KHZ	0 TO+5 VDC 10 HZ
	4	4	4	4		1 TO 10 KHZ	0 TO+1 VDC 10 HZ
	5	5	5	5		1 TO 10 KHZ	0 TO-5 VDC 10 HZ
	6	6	6	6		5 TO 10 KHZ	0 TO+10 VDC 100 HZ
	7	7	7	7		5 TO 10 KHZ	-2 TO+10 VDC 400 HZ
	8	8	8	8		5 TO 10 KHZ	-1 TO +1 VDC 300 HZ
	9	9	9	9			

INDIVIDUAL CHANNEL OPTIONS

OPTION	CX07	CX08	CX09	CX10	IX01	CRX01	RX11	RX14	RX15	RX18	RX20	RX21	RX22
1	0.47 μF 50V	0.1 μF 100V	0.1 μF 100V	DELETE	2HR011220 STANDARD	1N4744, INSTALL FOR + POLARITY	249 kΩ 1/4W, 1%	100kΩ 1/4W, 1%	100kΩ 1/4W, 1%	47kΩ 1/4W,10%	DELETE	DELETE	DELETE
2	0.47 μF 50V	0.1 μF 100V	0.1 μF 100V	0.1 100V	2HR011220 STANDARD	1N4744, INSTALL FOR - POLARITY	249 kΩ 1/4W, 1%	100kΩ 1/4W, 1%	DELETE	DELETE	100kΩ 1/4W, 1%	100kΩ 1/4W, 1%	100kΩ 1/4W, 1%
3	0.47 μF 50V	0.1 μF 100V	0.1 μF 100V	DELETE	2HR011220 STANDARD	1N4744, INSTALL FOR + POLARITY	249 kΩ 1/4W, 1%	100kΩ 1/4W, 1%	196kΩ 1/4W, 1%	100kΩ 1/4W,10%	DELETE	DELETE	DELETE
4	0.47 μF 50V	0.1 μF 100V	0.1 μF 100V	DELETE	2HR011220 STANDARD	1N4744, INSTALL FOR + POLARITY	249 kΩ 1/4W, 1%	100kΩ 1/4W, 1%	1MΩ 1/4W, 1%	470kΩ 1/4W,10%	DELETE	DELETE	DELETE
5	0.47 μF 50V	0.1 μF 100V	0.1 μF 100V	0.1 100V	2HR011220 STANDARD	1N4744, INSTALL FOR - POLARITY	249 kΩ 1/4W, 1%	100kΩ 1/4W, 1%	DELETE	DELETE	100kΩ 1/4W, 1%	196kΩ 1/4W, 1%	196kΩ 1/4W, 1%
6	0.047 μF 100V	0.01 μF 100V	0.0033 μF 200V	DELETE	2HR011220 STANDARD	1N4744, INSTALL FOR + POLARITY	49.9kΩ 1/4W, 1%	49.9kΩ 1/4W, 1%	24.9kΩ 1/4W, 1%	22kΩ 1/4W,10%	DELETE	DELETE	DELETE
7	0.022 μF 100V	0.0033 μF 200V	820PF 1000V	DELETE	2HR011221 FAST	SA15CA BIPOLAR	24.9 kΩ 1/4W, 1%	51 kΩ 1/4W, 5%	22kΩ 1/4W, 1%	18 kΩ 1/4W,10%	DELETE	DELETE	DELETE
8	0.022 μF 100V	0.005 μF 250V	820PF 1000V	DELETE	2HR011221 FAST	SA10CA BIPOLAR	24.9 kΩ 1/4W, 1%	35.7kΩ 1/4W, 1%	100kΩ 1/4W, 1%	51 kΩ 1/4W, 5%	DELETE	DELETE	DELETE
9													

H	REV'D OPTIONS 7 & 8	BMB6/15/GMD6/15			
G	ADDED OPTIONS 7 & 8	NLP6/15/JAH6/15			
F	ADDED OPTION 6, REDRAWN ON CAD	SHP7/91/PDC7/91			
8-3-19, 8-5-3064, 8-6-248					
NO.	REVISION	BY	DATE	QID	DATE
TOLERANCES AND FINISH UNLESS OTHERWISE SPECIFIED					
FRACTIONAL	DEC	ANGLE	MACH	THIRD ANGLE	SCALE
±1/64"	±.005	±5°	125√	PROJECTION	1=1
I REV'D QX01, RX06/7, CX03 BMB6/15/GMD6/15 ADDED NOTE 11			MATERIAL		
PART NO. 2HS034550			D PWO NO. 8-3455		
LOC CV			ANALOG RECIEVER - SCHEMATIC		