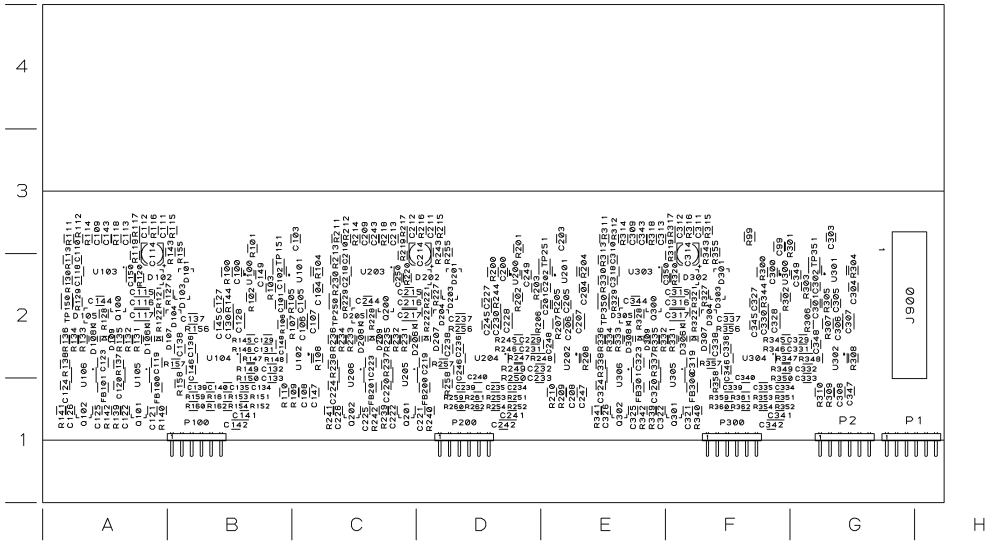
REVISION HISTORY							
E. C. N.	ZONE	REV	DESCRIPTION	DATE	APPROVED		
					DWN	CM	PE
		2	INITIAL RELEASE FOR PRODUCTION.	12-06-05	KLW		EB
		3	SEE 138978-1_3.XLS FOR COMPONENT DATA AND REVISION HISTORY.	12-30-05	KLW		EB

COMPONENT MAP

TOP SIDE



DISTRIBUTION			DWN	KLW	12-06-05
			CM		
FILENAME			PE	EB	12-06-05
138978-1_3_01.PCB					
TOLERANCE UNLESS OTHERWISE SPECIFIED					
.00 = ±.02"					
.000 = ±.010"					
DRILLS = ±.003"					
DO NOT SCALE DRAWING					

crown INTERNATIONAL, INC.
1718 W. MISHAWAKA RD.
ELKHART IN, 46517
PHONE 574-294-8000
WWW.CROWNAUDIO.COM

TITLE

PWA, FR1 MODULATOR

SIZE	DWG NO.	REV
B	138978-1	3

SCALE NONE	PROJ NO. MAMPJB0	SHEET 1 OF 4

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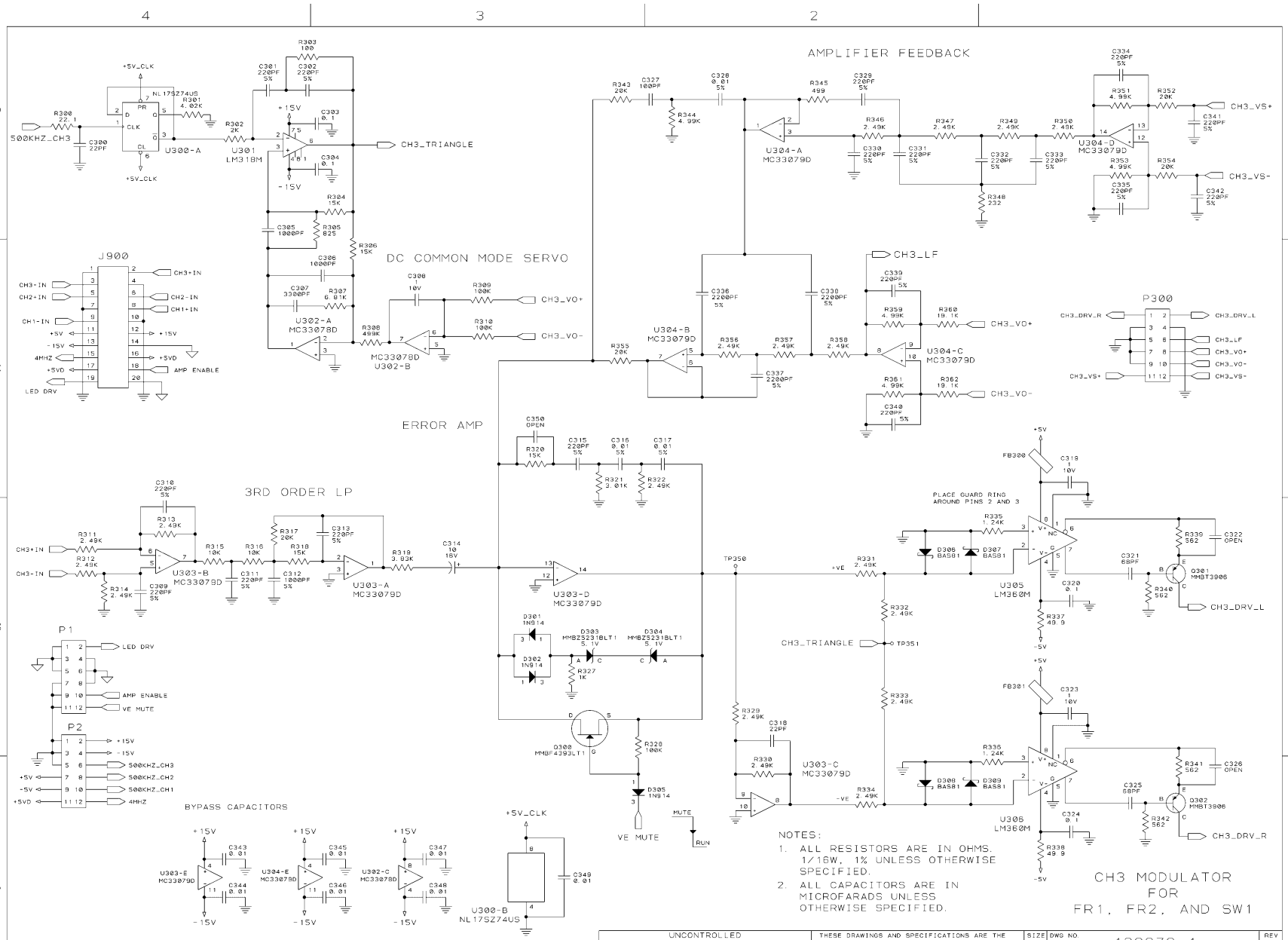
AMPLIFIER FEEDBACK
DC COMMON MODE SERVO
ERROR AMP
3RD ORDER LP
BYPASS CAPACITORS
J900
P1
P2
P300
500KHZ_CH3
CH3_TRIANGLE
CH3_VO+
CH3_VO-
CH3_LF
CH3_VS+
CH3_VS-
CH3_DRV_L
CH3_DRV_R
AMP ENABLE
VE MUTE
LED DRV
MUTE
RUN
PLACE GUARD RING AROUND PINS 2 AND 3
U300-A
U300-B
U301
LM318M
U302-A
MC33078D
U302-B
U302-C
U303-A
U303-B
U303-C
U303-D
U303-E
U304-A
U304-B
U304-C
U304-D
MC33079D
U305
LM360M
NOTES:
1. ALL RESISTORS ARE IN OHMS. 1/16W, 1% UNLESS OTHERWISE SPECIFIED.
2. ALL CAPACITORS ARE IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
CH3 MODULATOR FOR FR1, FR2, AND SW1
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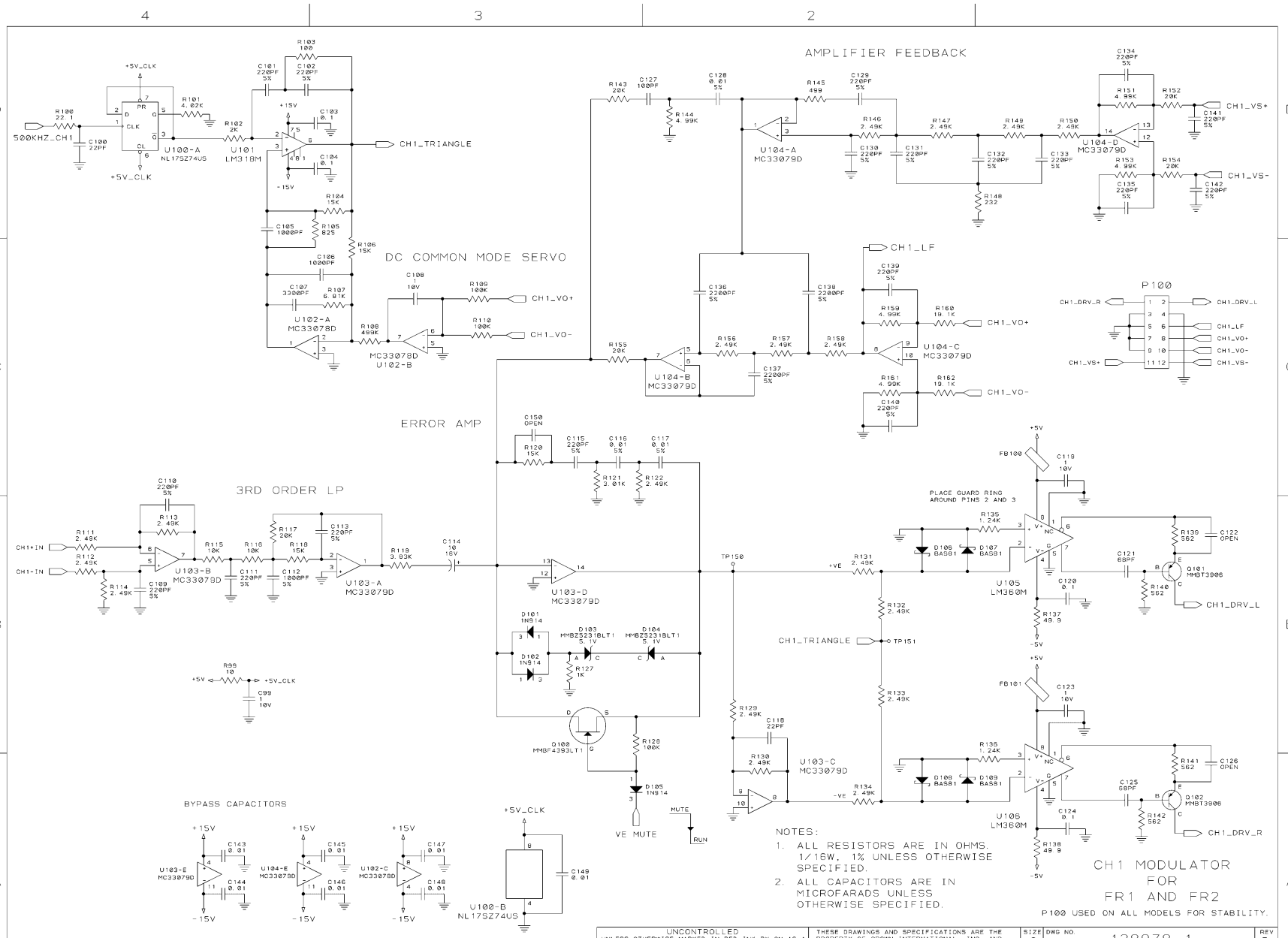
SIZE C
DWG NO. 138978-1
REV 3
SCALE NONE
PROJ NO. MRX500P
SHEET 4 OF 4



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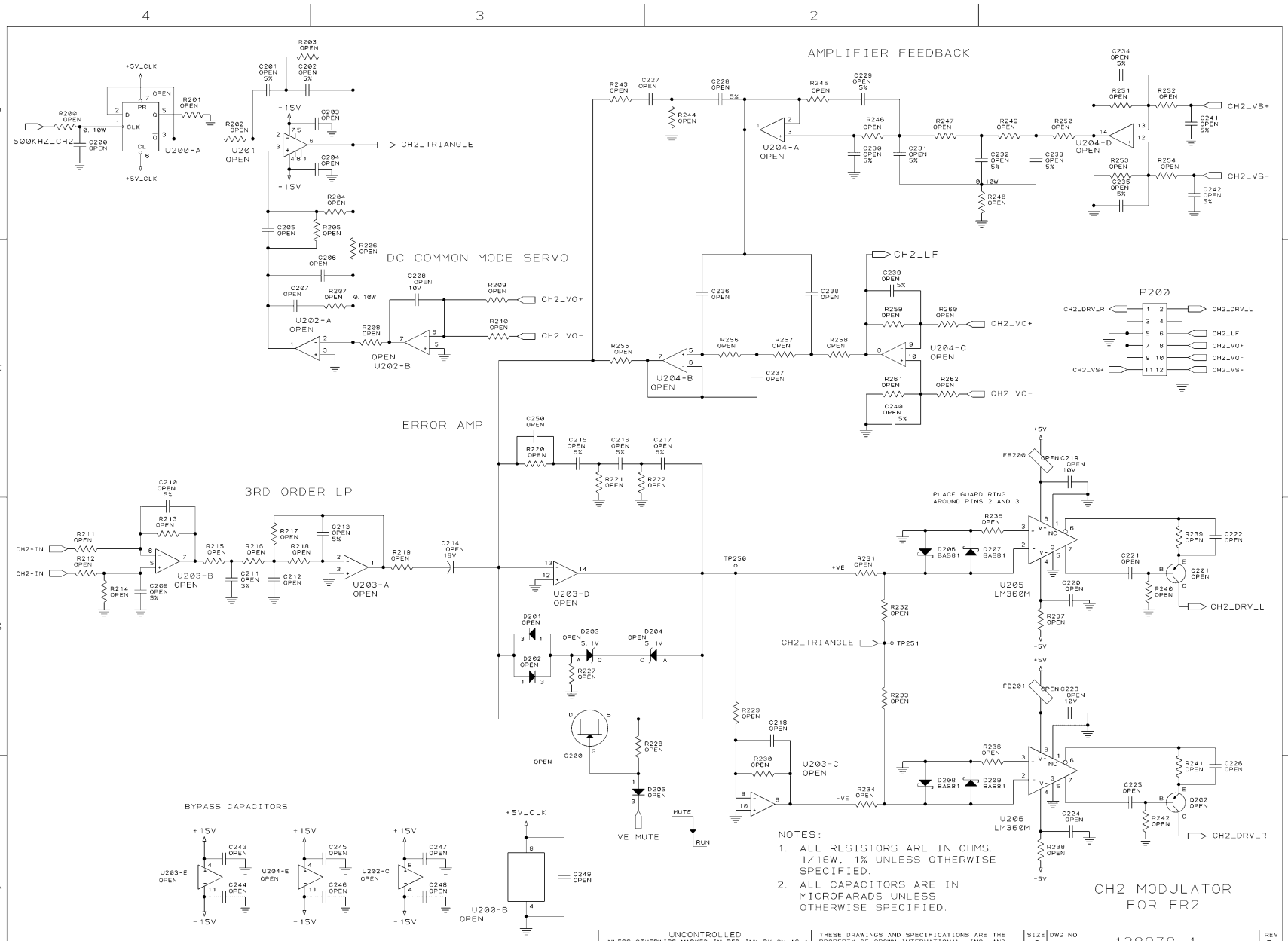
SIZE	DWG NO.	REV
C	138978-1	3
SCALE NONE	PROJ NO. MRX500P	SHEET 2 OF 4


AMPLIFIER FEEDBACK
DC COMMON MODE SERVO
ERROR AMP
3RD ORDER LP
BYPASS CAPACITORS
P200
PLACE GUARD RING AROUND PINS 2 AND 3
500KHZ_CH2
CH2_TRIANGLE
CH2_LF
CH2_VO+
CH2_VO-
CH2_VS+
CH2_VS-
CH2_DRV_L
CH2_DRV_R
CH2+IN
CH2-IN
MUTE
RUN
VE MUTE
U200-A
U200-B
U201
U202-A
U202-B
U202-C
U203-B
U203-A
U203-D
U203-C
U203-E
U204-A
U204-B
U204-C
U204-D
U204-E
U205
LM360M
+15V
-15V
+5V
-5V
+5V_CLK
-5V_CLK
NOTES:
1. ALL RESISTORS ARE IN OHMS. 1/16W, 1% UNLESS OTHERWISE SPECIFIED.
2. ALL CAPACITORS ARE IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
CH2 MODULATOR FOR FR2
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SIZE C
DWG NO. 138978-1
REV 3
SCALE NONE
PROJ NO. MRX500P
SHEET 3 OF 4