

1

2

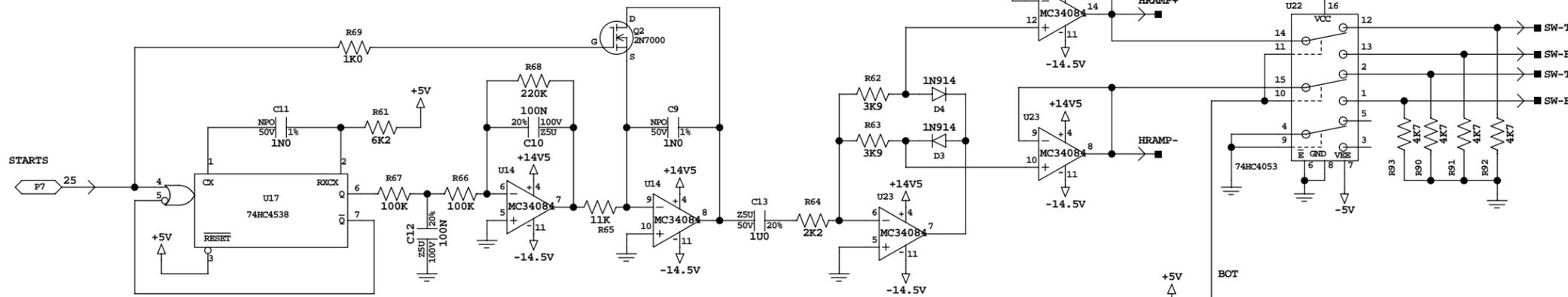
3

4

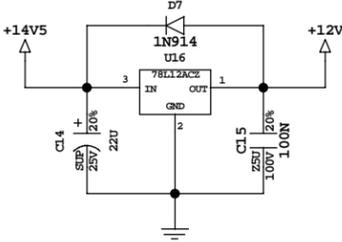
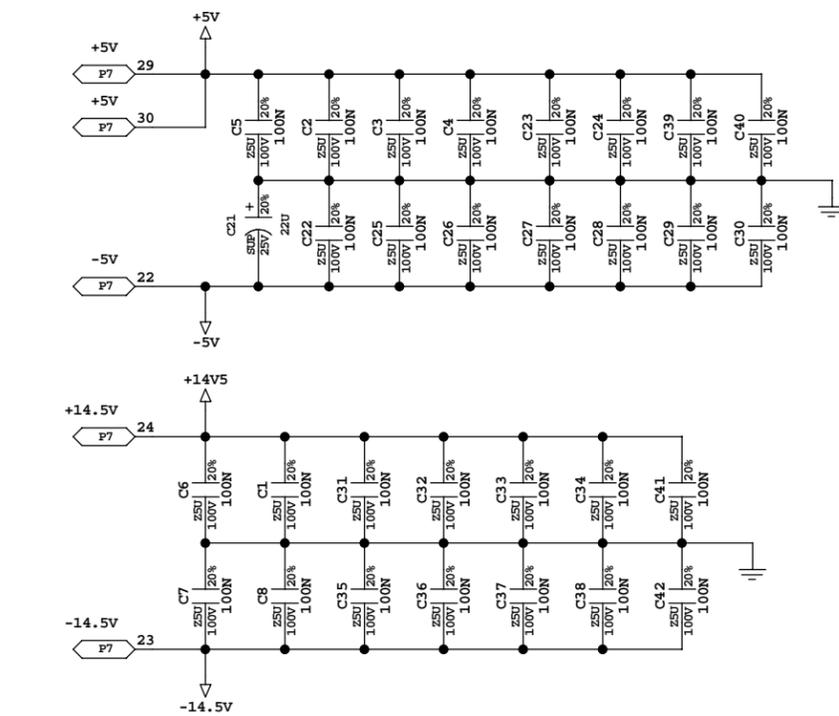
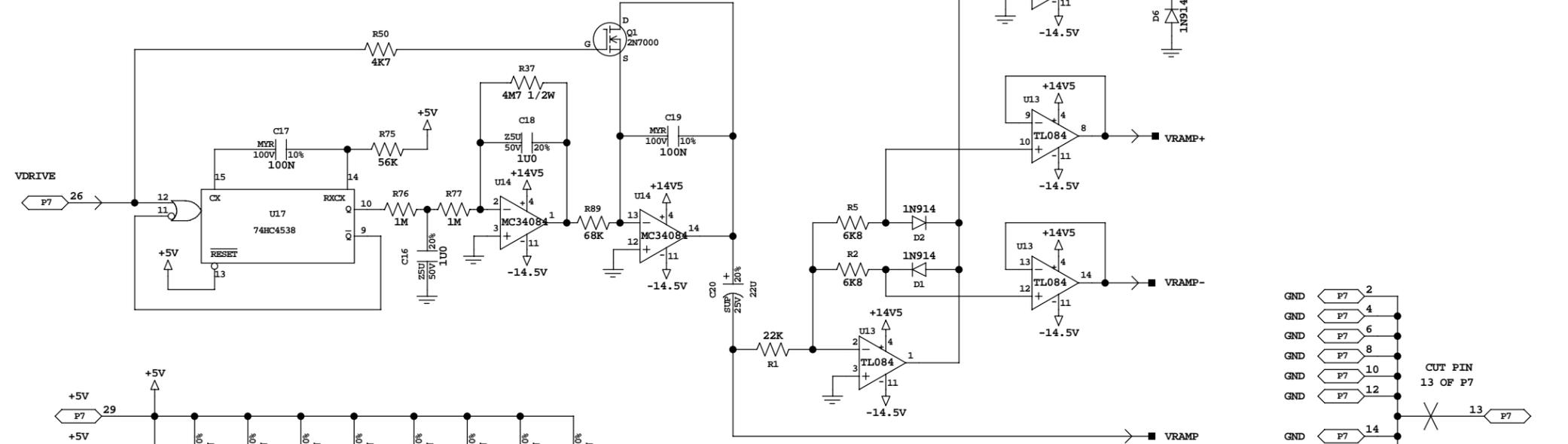
5

6

hramp+ and hramp- generator



vramp+ and vramp- generator



IMPLICIT CHART

REFDES	SYMBOL	VDD	GND	+5V
U17	74HC4538		8	16

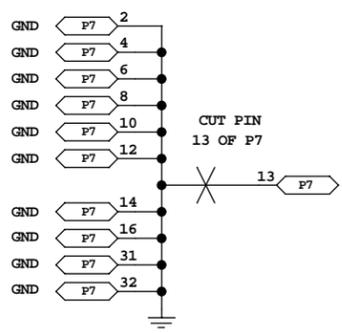
PROJECT: 02-260310-01P PCB: 50-002010-02P

REVISION HISTORY

ISS	RFC No	DESCRIPTION	DATE	APP
01	----	ORIGINAL (WAS 270310-02P)	21MAY96	AK
02	9-513-PE	100nF 50V AXIAL CAPS NOW 100V RADIAL	14JUL99	
03				
04				
05				
06				
07				
08				
09				
10				

NOTES:

- UNLESS OTHERWISE SPECIFIED:
1/8W 5% FOR SURFACE RESISTORS
1/2W 5% FOR THROUGH RESISTORS
50V 5% FOR ALL CAPACITORS
- THE FOLLOWING DENOTE CONNECTOR IDENTITIES:
MALE FEMALE HARNESS
- "H" AT COMPONENT DENOTES A HEATSINK.
- "SKT" DENOTES SOCKETED INTEGRATED CIRCUIT.
- "SM" IDENTIFIES SURFACE MOUNT PARTS.
- PCB SENSITIVE TO ELECTROSTATIC DISCHARGE.
- ARROWS ON SIGNAL LINES INDICATE THE DIRECTION OF FLOW.
- SHIELDED AREAS AS SHOWN.
- THE FOLLOWING DENOTE GROUND IDENTITIES:
DIGITAL ANALOGUE CHASSIS
- "DNP" IDENTIFIES THE FOLLOWING PARTS THAT ARE NOT TO BE POPULATED:



HIGHEST	REFERENCE DESIGNATORS	NOT USED

CAUTION

FOR CONTINUED SAFETY, REPLACE ALL COMPONENTS NOTED BY WITH EXACT REPLACEMENT PARTS ONLY! CONSULT SERVICE MANUAL FOR REPLACEMENT TYPE!

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KITCHENER ONT CANADA N2G 4J6 (519)-744-7111 TITLE: STIGMATOR WAVEFORM BOARD D SCHEMATIC: 00-260310-02P ISS 2 SHT DF 2

D

D

C

C

B

B

A

A

