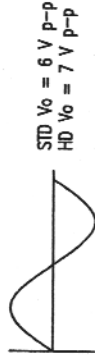
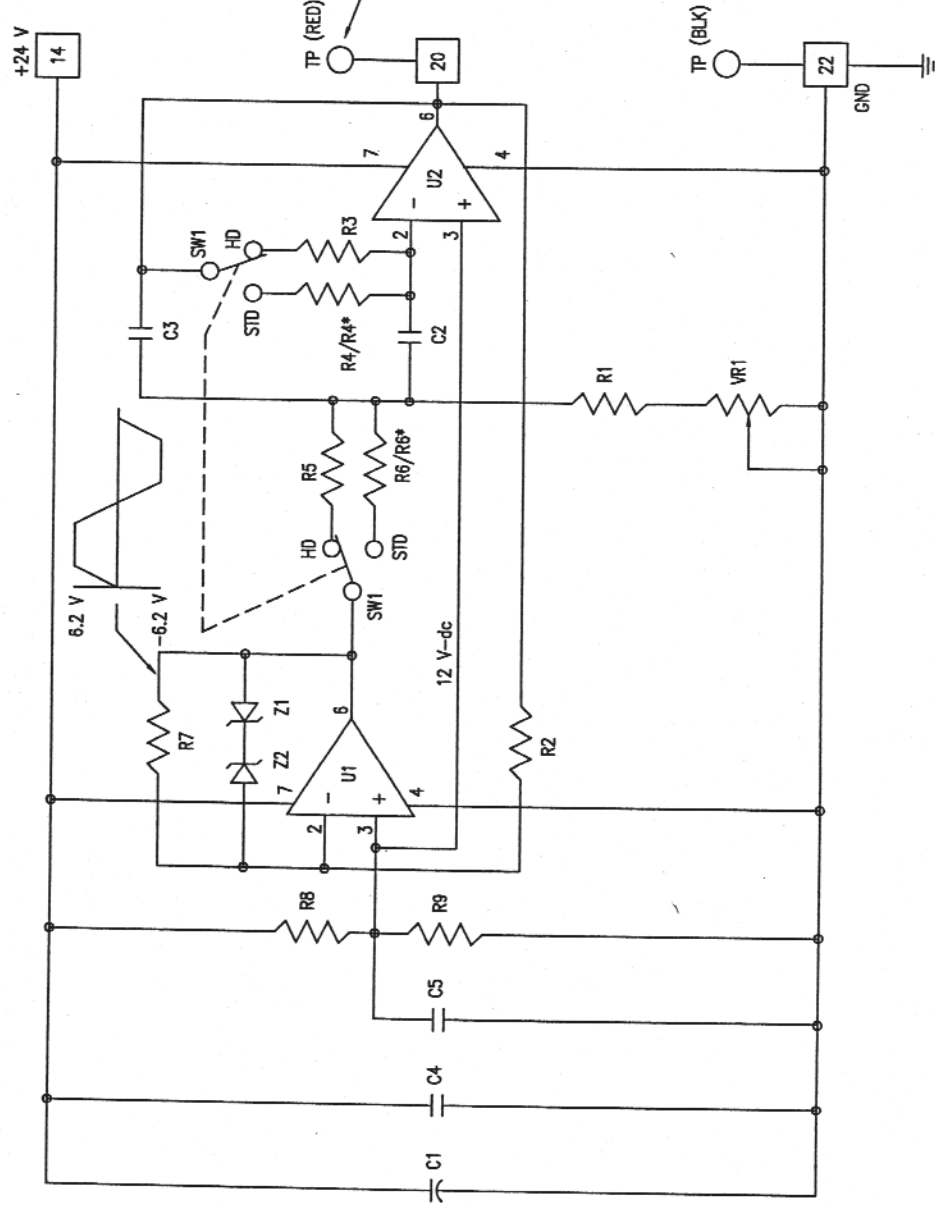


777 20 90 011 8 ON 20KD

NOTE:

HD (HEAVY DUTY) FREQUENCY IS NOMINAL 10 KHz
 STD (STANDARD DUTY) FREQUENCY IS NOMINAL 20 KHz (1066F BRD) OR 40 KHz (1066HF BRD).
 * DENOTES COMPONENTS USED ON 1066HF BOARD
 ALL VOLTAGES $\pm 10\%$



PART	DESCRIPTION
C1	CAPACITOR: 100 μ F; 50 V-dc; ELECTROLYTIC
C2, C3	CAPACITOR: 1 nF; 30 V-dc
C4, C5	CAPACITOR: 100 nF; 50 V-dc
R1	RESISTOR: 510 Ω ; 250 mW; 5 %
R2, R8, R9	RESISTOR: 10 k Ω ; 250 mW; 5 %
R3	RESISTOR: 240 k Ω ; 250 mW; 5 %
R4	RESISTOR: 62 k Ω ; 250 mW; 5 %
R4*	RESISTOR: 22 k Ω ; 250 mW; 5 %
R5	RESISTOR: 270 k Ω ; 250 mW; 5 %
R6	RESISTOR: 82 k Ω ; 250 mW; 5 %
R6*	RESISTOR: 33 k Ω ; 250 mW; 5 %
R7	RESISTOR: 6.8 k Ω ; 250 mW; 5 %
U1, U2	OP-AMP: LF356
SW1	SLIDE DPDT PC MOUNT ALCO
VR1	POTENTIOMETER: 1 k Ω ; 20 YURN. BOURNS
Z1, Z2	DIODE: ZENER; 1N5234B; 6.2 V-dc; 500 mW

REV. NO.	DESCRIPTION
P/N: 1066F & 1066HF	
STEARNS MAGNETICS A SUBSIDIARY OF PEERLESS-WINSMITH, INC. MAPLE HEIGHTS, OHIO	
OSCILLATOR CARD SCHEMATIC WITH PARTS LIST	
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SERIAL NO.	SCALE
BY JPS APPROVED	DATE 24 OCT 2002
DWG. NO. B 110 06 02 444	REV.