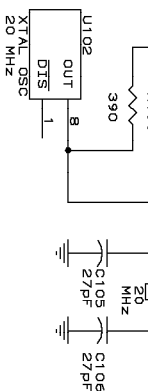
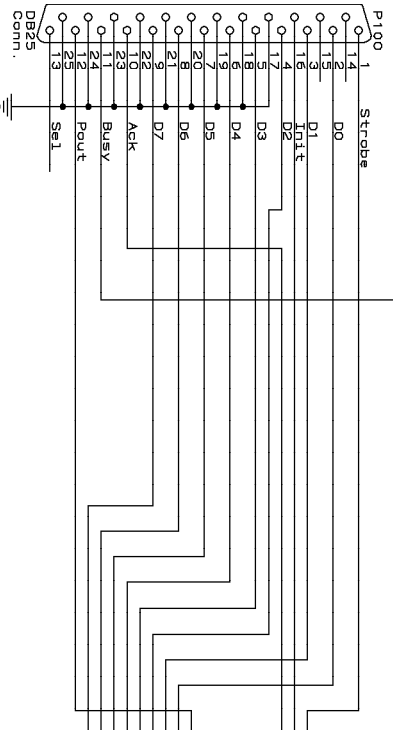
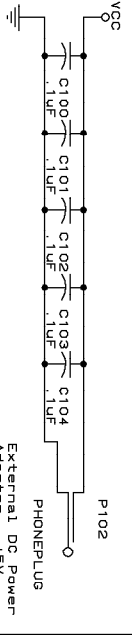
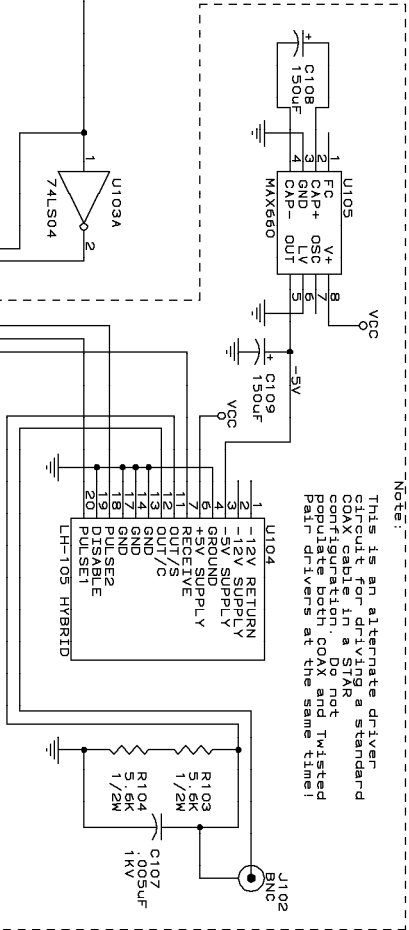


Chip Vendors
 U100 COM20010P Standard Micro Systems
 U101 SN75176B T1 National
 U102 20Mhz Osc Kyocera, Epson, Toyocom
 U103 74LS04 T1 National, Motorola
 U104 LH-105 Silcom (or SMC HY9058)
 U105 MAX660 Maxim Integrated Products



Note:
 If using a Crystal, do not populate U102 and R100.
 If using an Osc, do not populate U100, C105 and C106



Notes:
 PA0 is also tied to SP
 PA1 is shared with serial
 IORESET is wired to INT1

PRELIMINARY! PRELIMINARY!
 This circuit subject to change