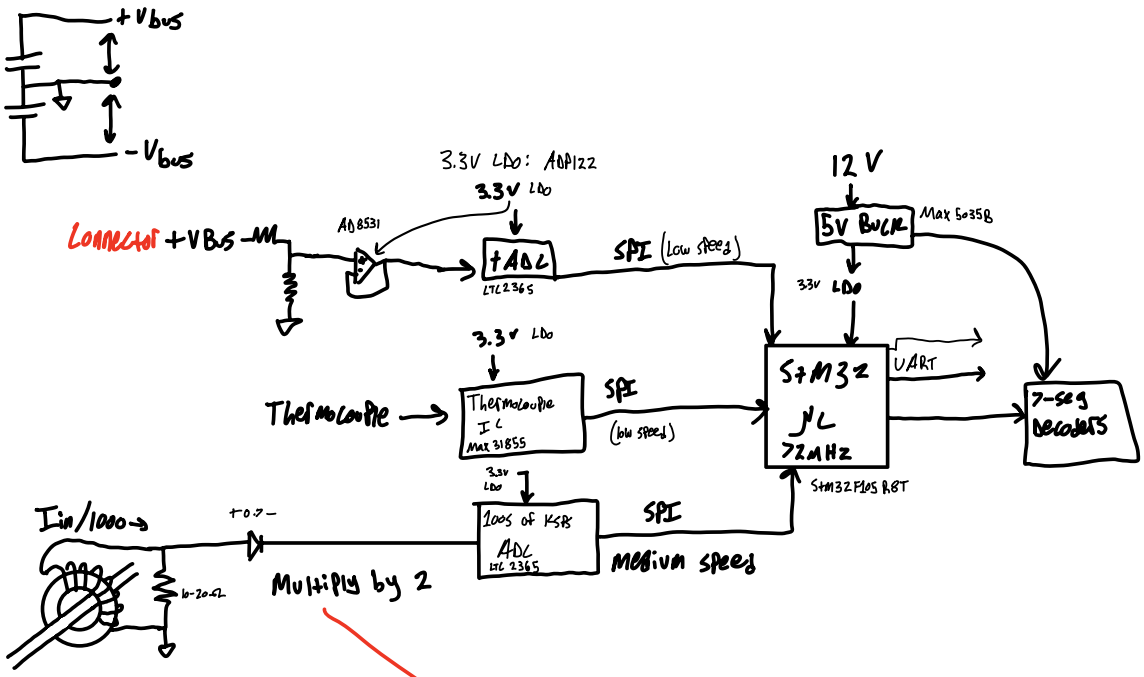
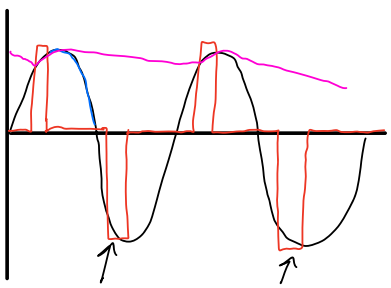
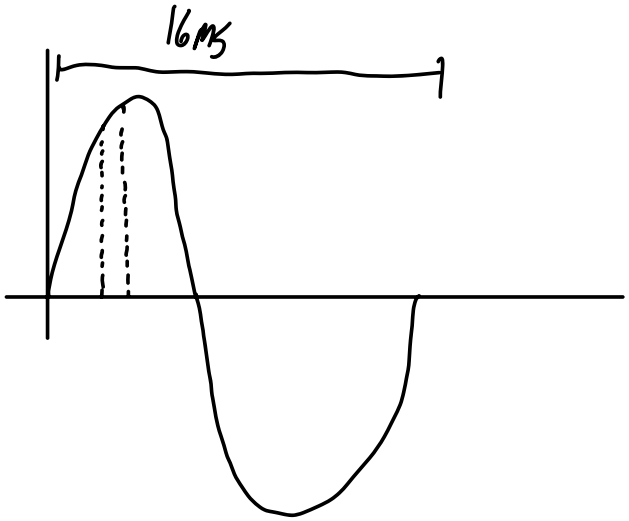
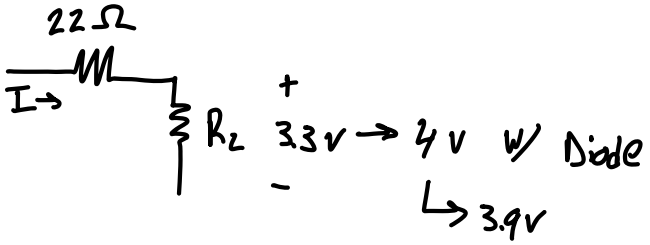


50A Max

$\frac{50}{1000} = 0.05$



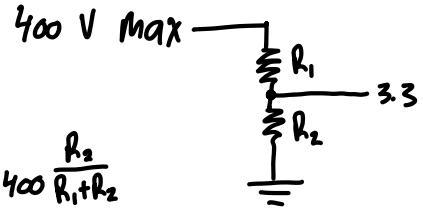




$$I = \frac{40A}{1000} \text{ max}$$

$$= 40\,mA$$

$$\frac{4\,v}{40\,mA} = 100\,\Omega = 200 \,||\, 200 = R_L$$



$$3.3 = 400\,\frac{R_2}{R_1+R_2}$$

$$\frac{3.3}{400} = \frac{R_2}{R_1+R_2}$$

$$3.3R_1 + 3.3R_2 = 400R_2$$

$$3.3R_1 = 396.7R_2$$

$$R_1 = 120.2R_2$$

$\frac{400}{120}$ 1K, 120 K for small coil

$200 * \frac{1}{61}$