



$$Touch_y = \frac{(ADC_y - Cal_y1) \times (LCD_YSIZE - 10)}{(Cal_y2 - Cal_y1)} + 5$$

$$Touch_x = \frac{(ADC_x - Cal_x2) \times (LCD_XSIZE - 10)}{(Cal_x1 - Cal_x2)} + 5$$