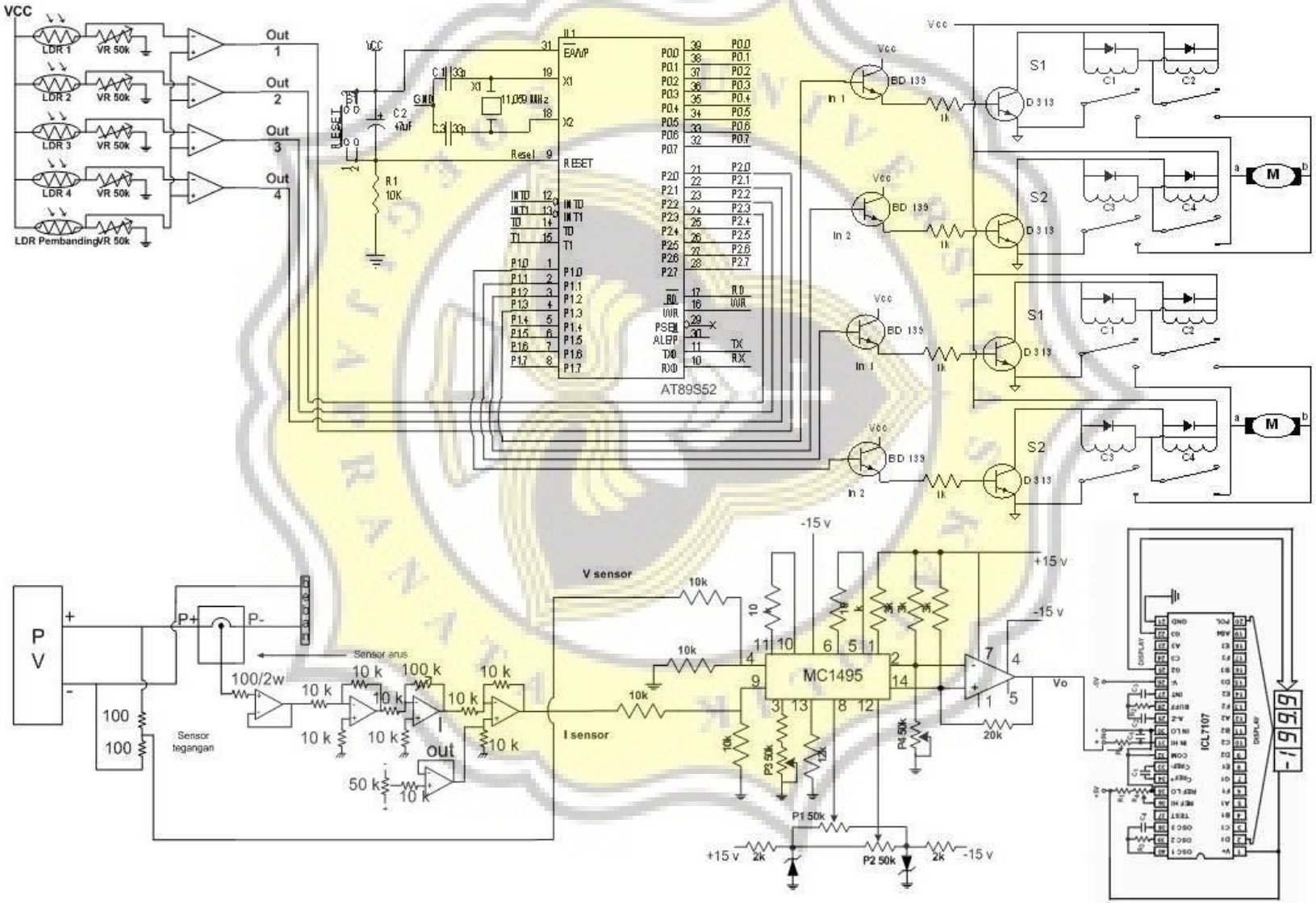RANGKAIAN LENGKAP