

# Project report intergrated circuits

Sara Roberg Ghabeli, Sigurd Hagen Tullander

Fall 2020

## **1 Introduksjon**

“Hello Dirty talk”

## **2 Analog pixel circuit design.**

In this circuit we will design the analog part of the camera, also called the pixel circuit.

### **2.1 Choosing values for switch transistors**

### **2.2 Choosing value for CS**

### **2.3 Choosing values for M3 and active load**

## **3 Digital camera controller**

In this section we will design the digital circuit in HDL, also called the camera controller.