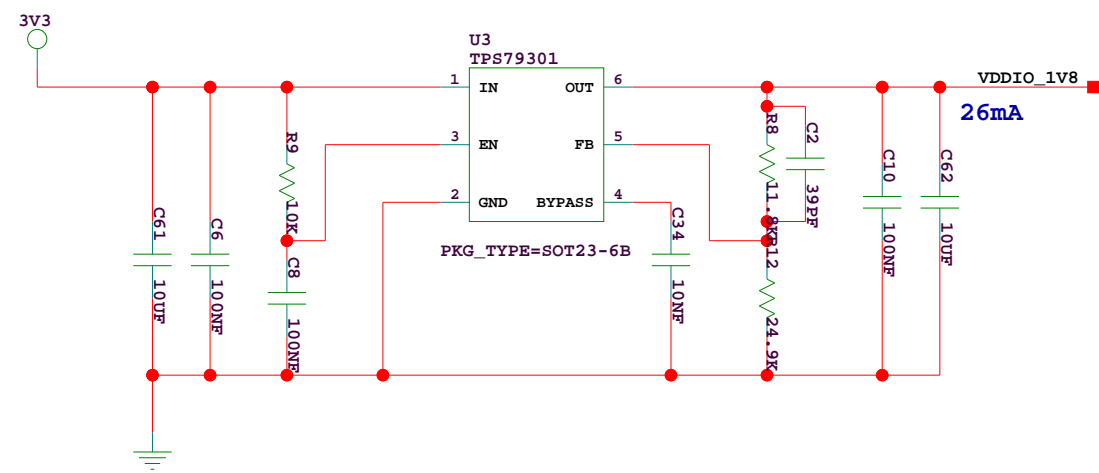






Power

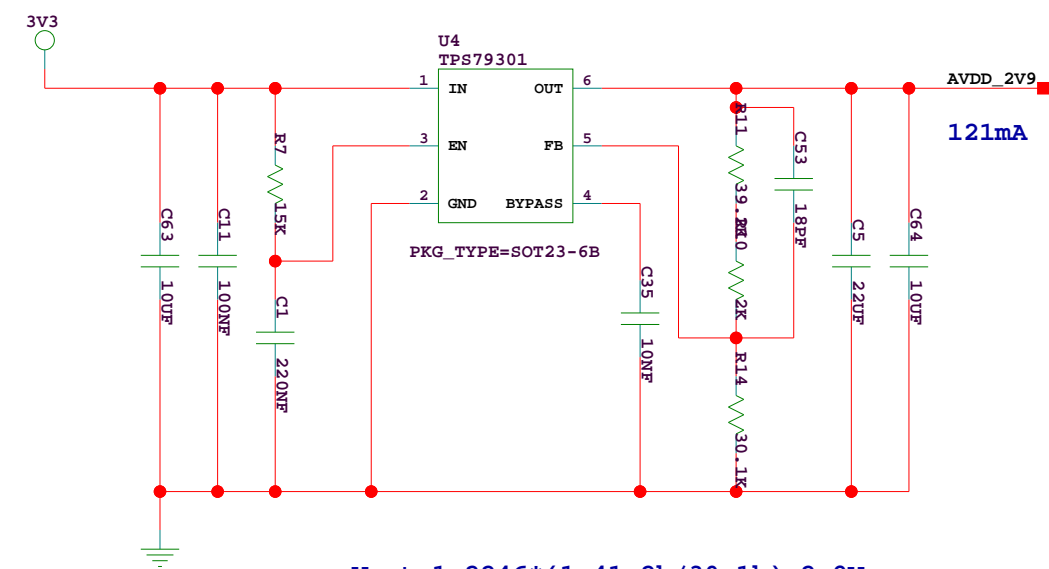
Sensor Interface Power



$V_{out}=1.2246*(1+11.8k/22.4k)=1.804V$

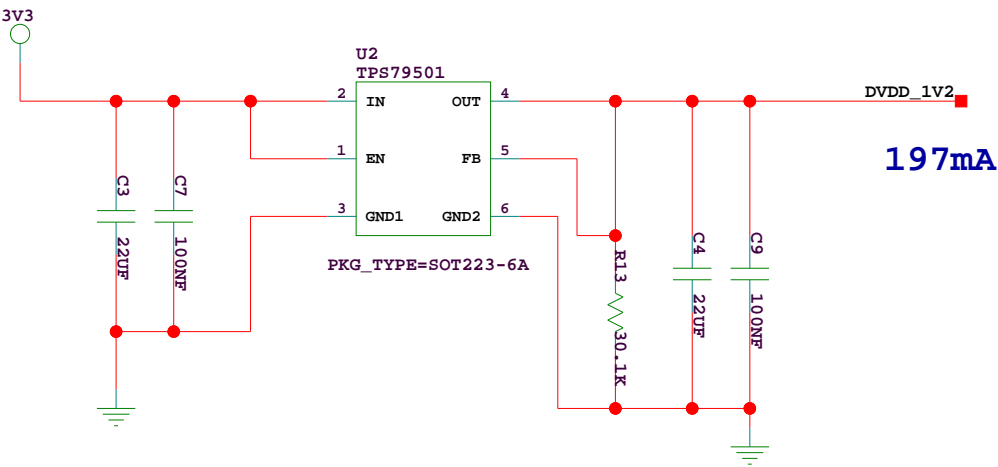
$Delay\_Time=-10k*100nf*ln[(3.3-2)/3.3]=930us$

Sensor Aanlog Power

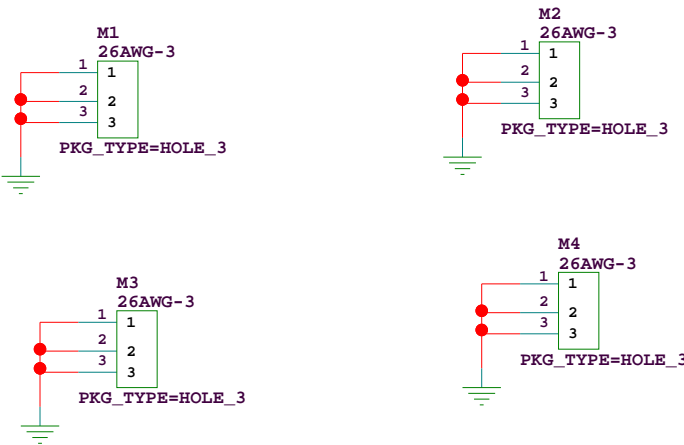


$V_{out}=1.2246*(1+41.2k/30.1k)=2.9V$

$Delay\_Time=-15k*220nf*ln[(3.3-2)/3.3]=3.074ms$



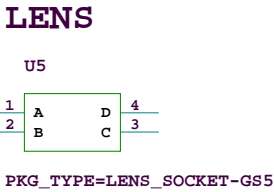
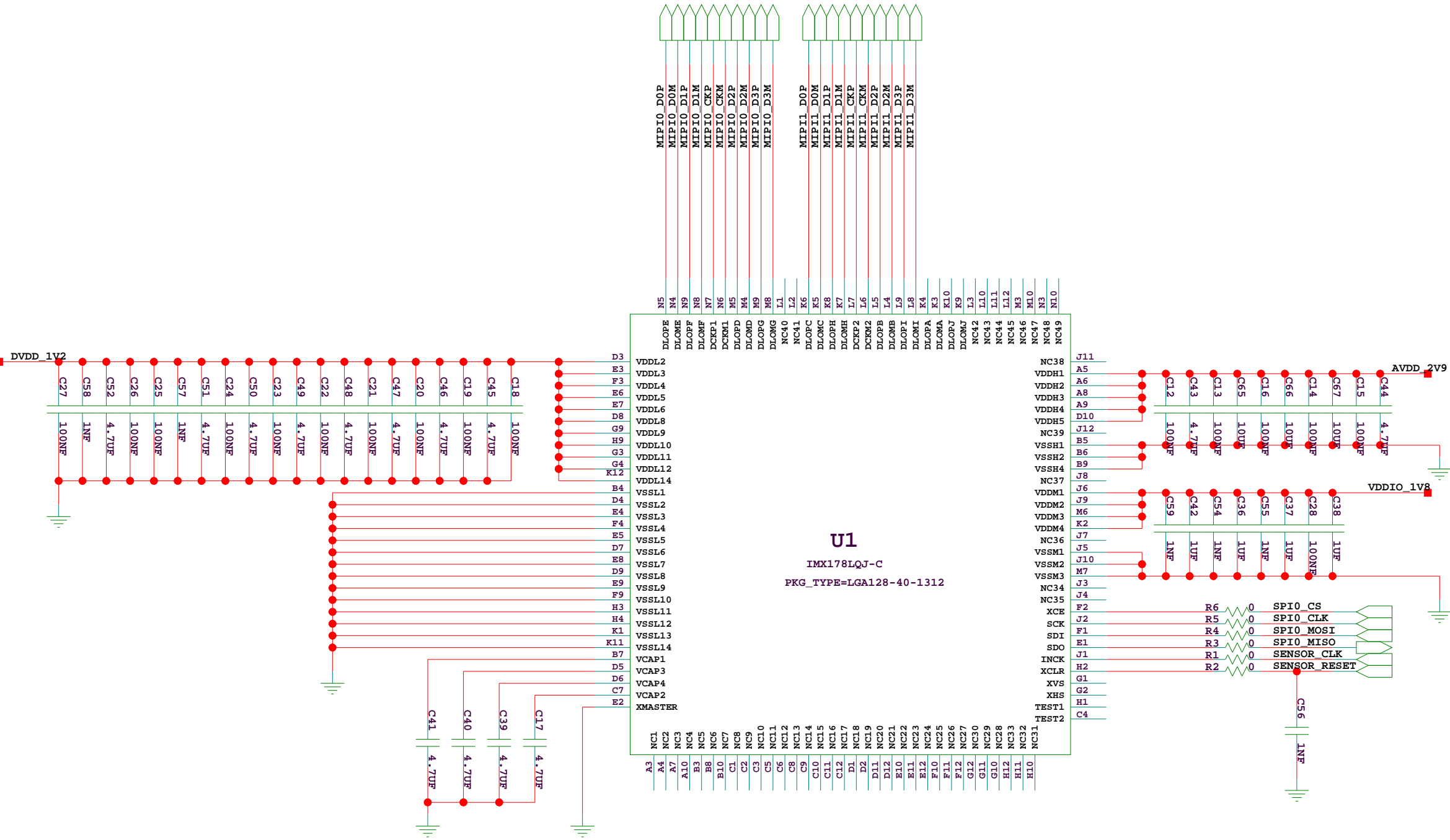
197mA



The type and specification of the components refer to the BOM

				NA	
				ECA NO	DATE
DESIGNED	ZHANGSAN XXXXX	IMX178_LV_REFB_VERA00001234			
REVIEWED	LISI XXXXX				
		VER	PART_NUMBER	SHEET 3 OF 6	
		A	03030001	HUAWEI TECH CO.,LTD.	

IMX178



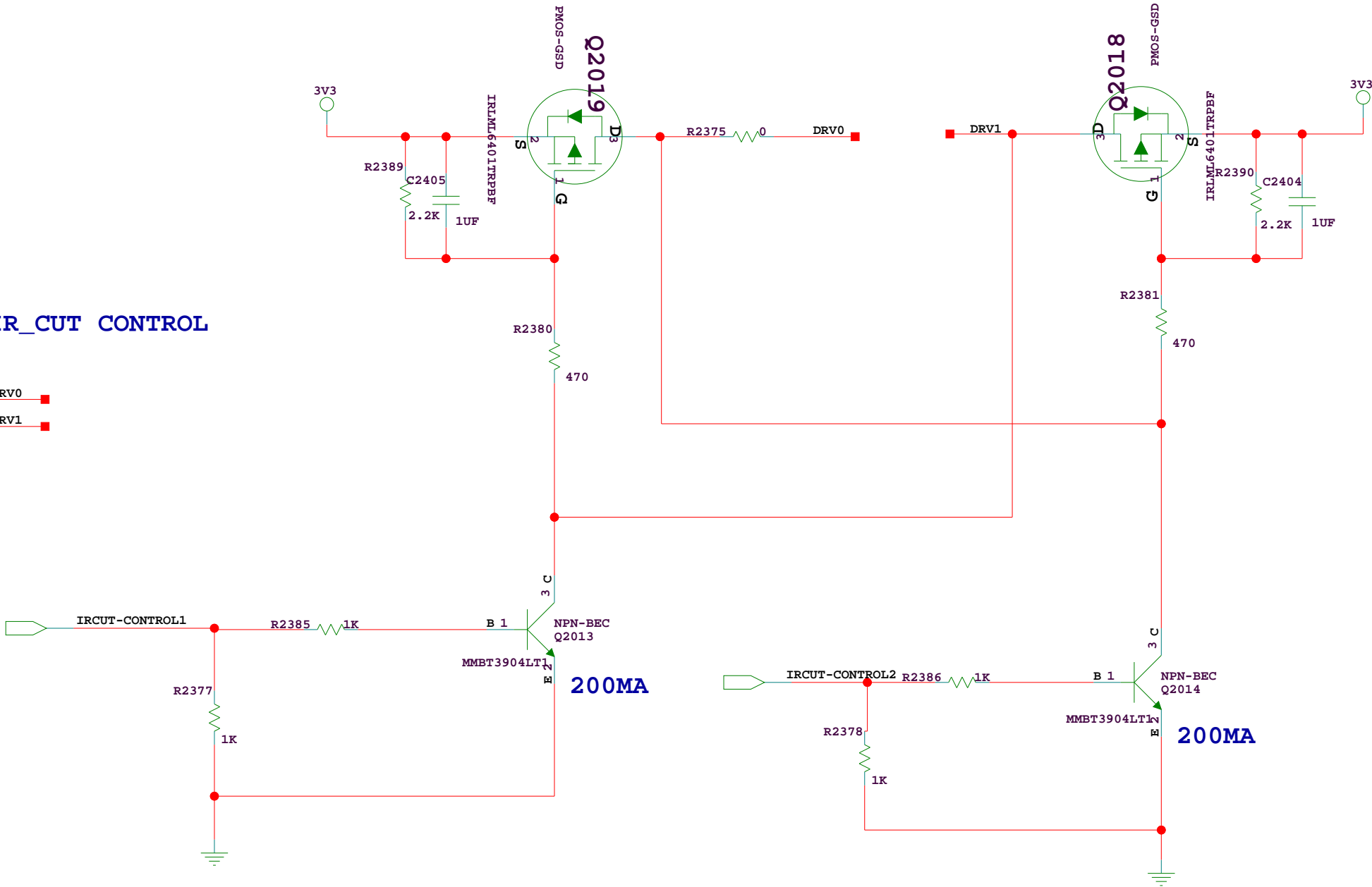
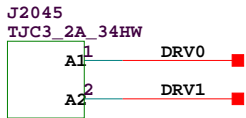
The type and specification of the components refer to the BOM

				NA	
				ECA NO	DATE
DESIGNED	ZHANGSAN XXXXX	IMX178_LV_REFB_VERA00001234			
REVIEWED	LISI XXXXX				
		VER	PART_NUMBER	SHEET 4 OF 6	
		A	03030001	HUAWEI TECH CO.,LTD.	

IR\_CUT

2 GPIOs to control this Driver

OUTPUT FOR IR\_CUT CONTROL

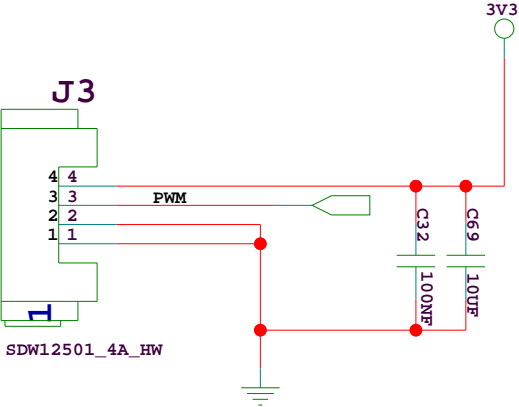
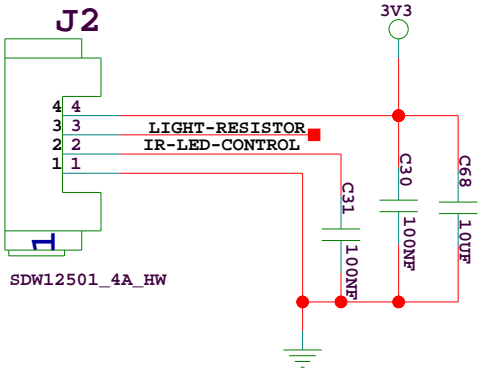
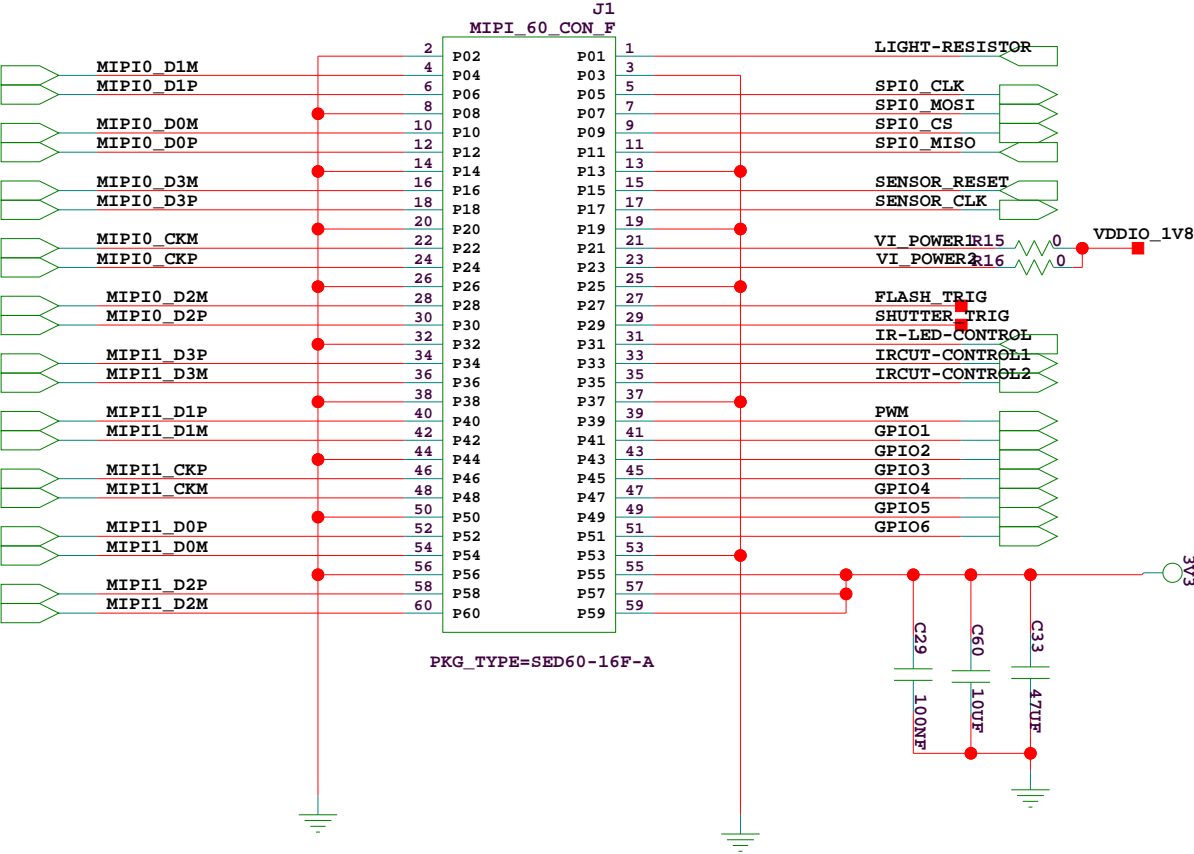


IR_CUT_CONTROL1	IR_CUT_CONTROL2	State
0	0	Initial
0	1	DRV1--->DRV0
1	0	DRV0--->DRV1
1	1	Error

The type and specification of the components refer to the BOM

				NA	
				ECA NO	DATE
DESIGNED	ZHANGSAN XXXXX	A3TITLEBLOCK		00001234	
REVIEWED	LISI XXXXX				
		VER	PART_NUMBER	SHEET 1 OF 1	
		A	03030001	HUAWEI TECH CO.,LTD.	

Connector



The type and specification of the components refer to the BOM

			NA	ECA NO	DATE
DESIGNED	ZHANGSAN XXXXX	IMX178_LV_REFB_VERA00001234			
REVIEWED	LISI XXXXX				
		VER	PART_NUMBER	SHEET 6 OF 6	
		A	03030001	HUAWEI TECH CO.,LTD.	