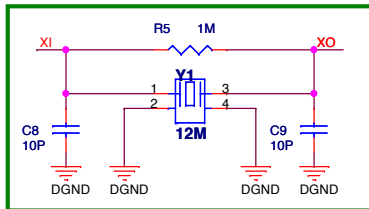
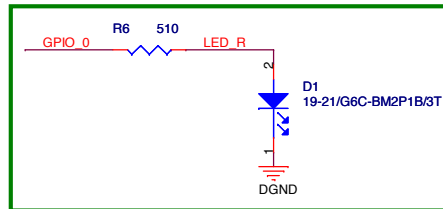


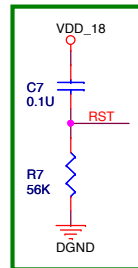
## Dual-Channel Low-dropout Regulator



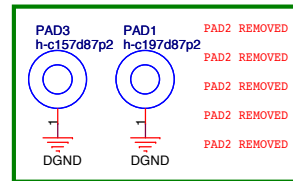
**Crystal**    **Be closed to ASIC.**



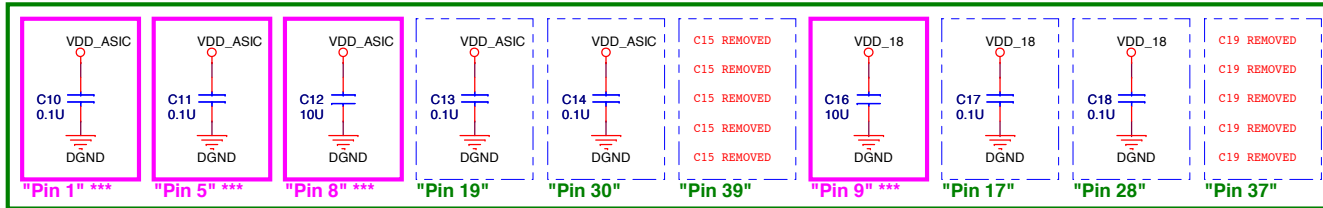
LED GPIO\_0 High: LED ON



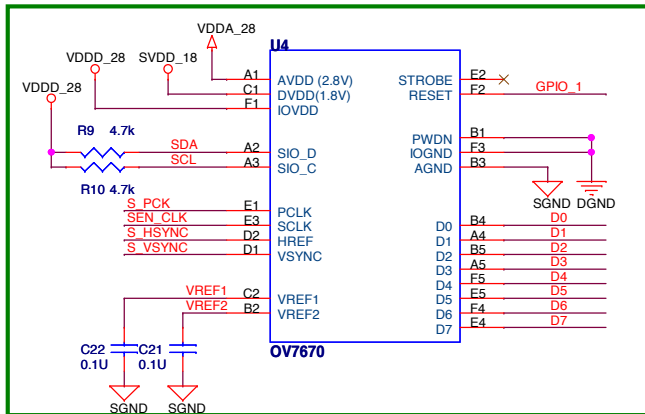
## ASIC Reset



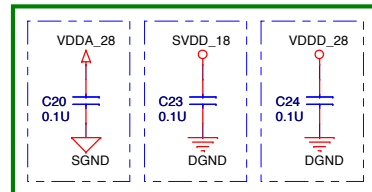
**Be closed to ASIC.**



**Bypass capacitors of ASIC** Be closed to each power pins of ASIC, especially the symbol with "\*\*\*\*".

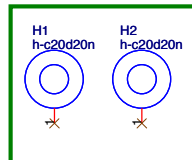


**SENSOR**

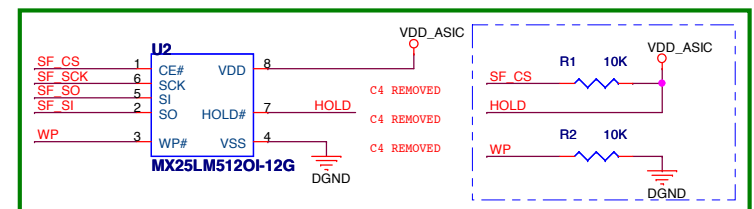


## Bypass capacitors of SENSOR

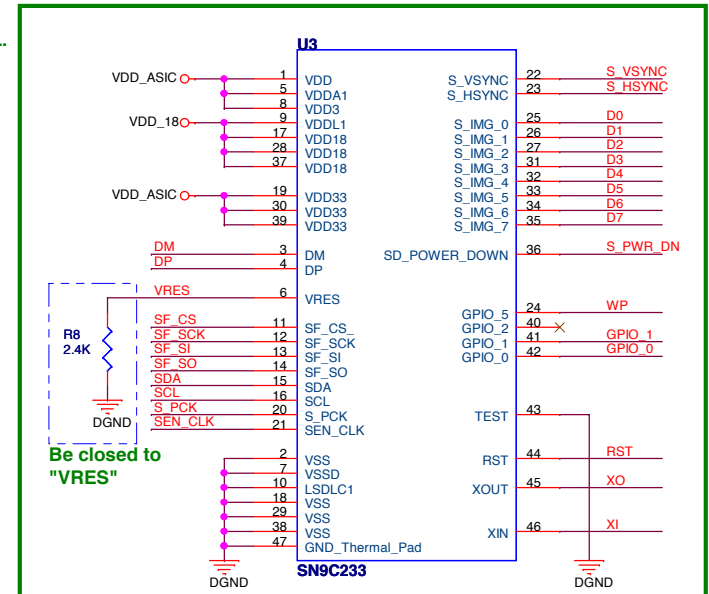
**Be closed to each power pins of SENSOR.**



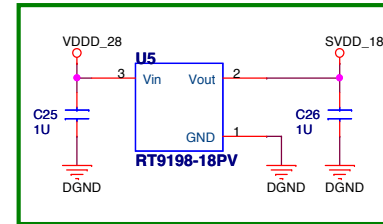
### Lens Holder Hole



## Serial Flash



ASIC



## Low-dropout Regulator

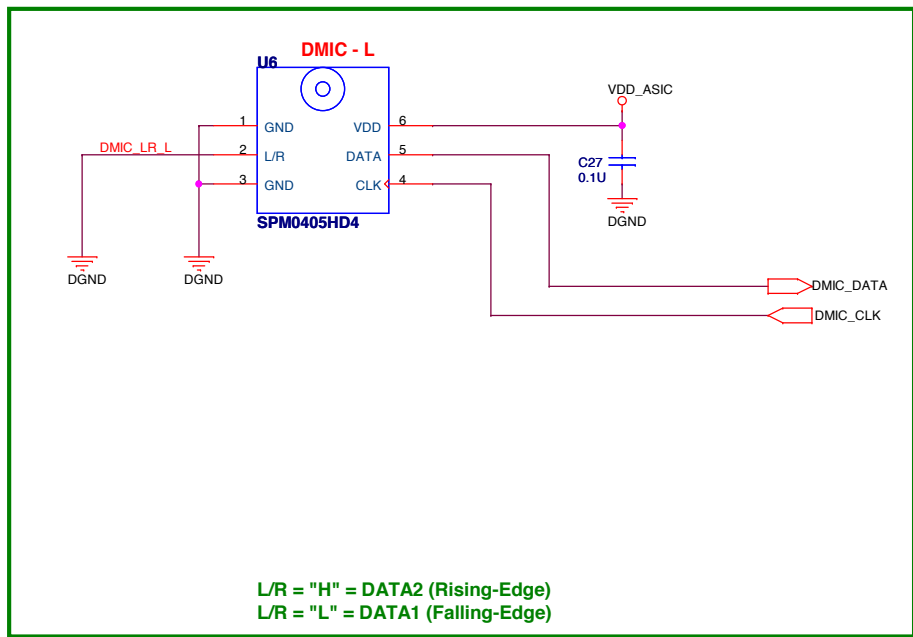
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| Date:     | Friday, August 21, 2009           | Sheet 1 of 3    |



Digital Microphone

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| Size<br>B | Document Number<br><b>DMIC (LEFT)</b> | Rev<br><b>1</b> |
|-----------|---------------------------------------|-----------------|

Date: Tuesday, August 18, 2009      Sheet 2 of 3

| Version | Date       | Description                         | Owner   |
|---------|------------|-------------------------------------|---------|
| V1      | 2008.08.18 | Create for 0.3M Sensor with 1 DMIC. | Tina Ho |
|         |            |                                     |         |

## GPIO Definition

GPIO\_0: LED Control  
(Active High)  
GPIO\_1: Sensor Reset Control  
(Active Low)  
GPIO\_2: N/C  
  
GPIO\_5: WP

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|-------------------------------|--------------------------------|-----------------|
| Size<br>B                     | Document Number<br><b>NOTE</b> | Rev<br><b>1</b> |
| Date: Friday, August 21, 2009 | Sheet 3 of 3                   |                 |