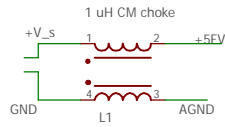


## Connections to Page 2

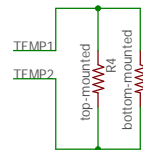
### Signal

SIG2B  
SIG2A  
LEDB

### Power Supply

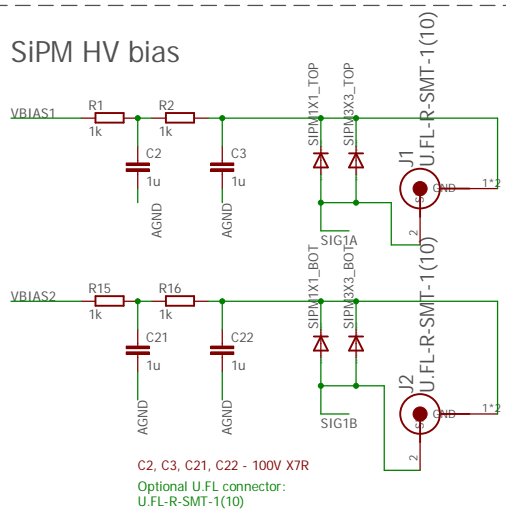


### Temperature Sensor



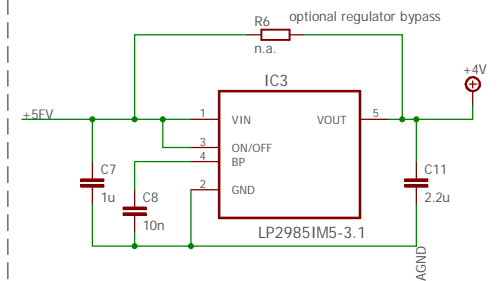
Sensor: Murata NCP15XH103F03RC

### SiPM HV bias

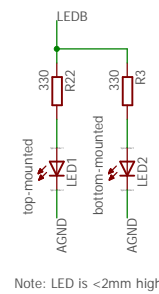


C2, C3, C21, C22 - 100V X7R  
Optional U.F.L connector:  
U.F.L-R-SMT-1(10)

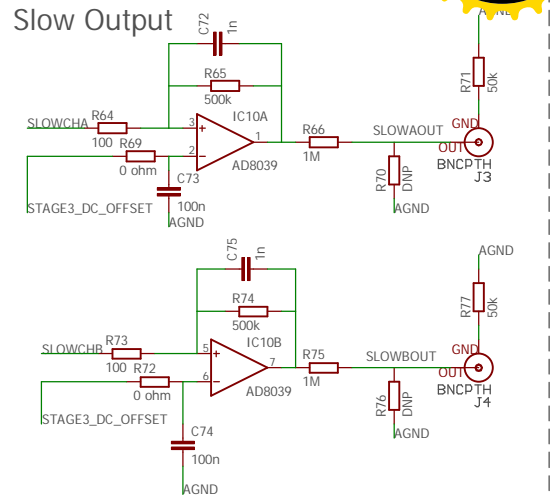
### +4V Regulated Power Supply



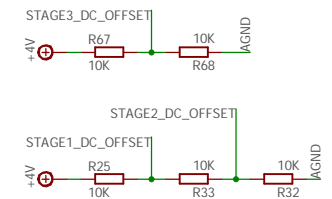
### Light Injection



### Slow Output

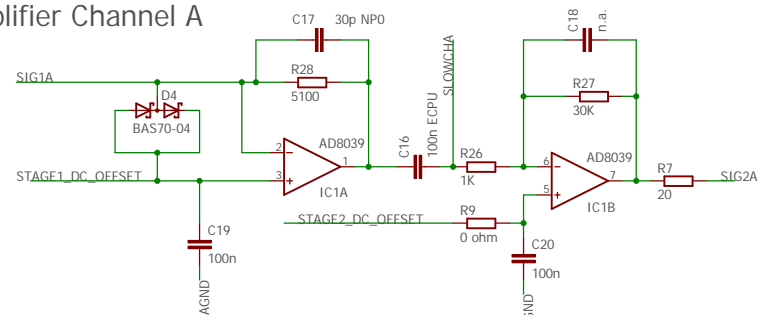


### I, II and III stage amplifier offset voltages

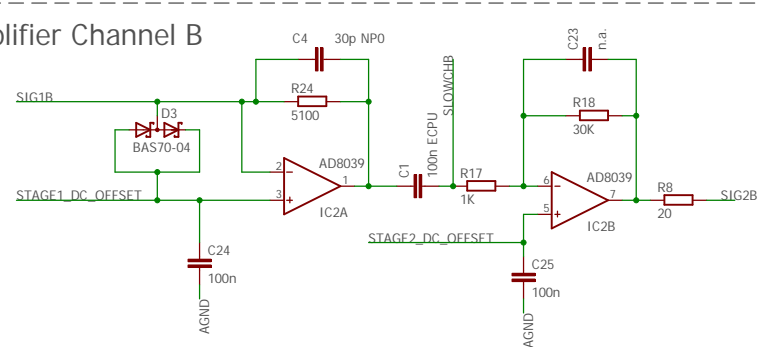


R25, R32, R33, R67, R68 - 0.1% 25 ppm/K thin film

### Amplifier Channel A



### Amplifier Channel B



Modifications since version 2.X:  
Slow channel amplifiers added for ADC sampling;  
1mm2 Advansid SiPM footprint added.  
Combined with Main Board onto single PCB.

J. Devine, C. Cantini, N. Beev  
Team Cosmic PI  
06.10.2017  
Version 2.5  
Released under CERN OHL V1.2

Cosmic Pi V2  
18/04/2018 14:07  
Sheet: 1/2

