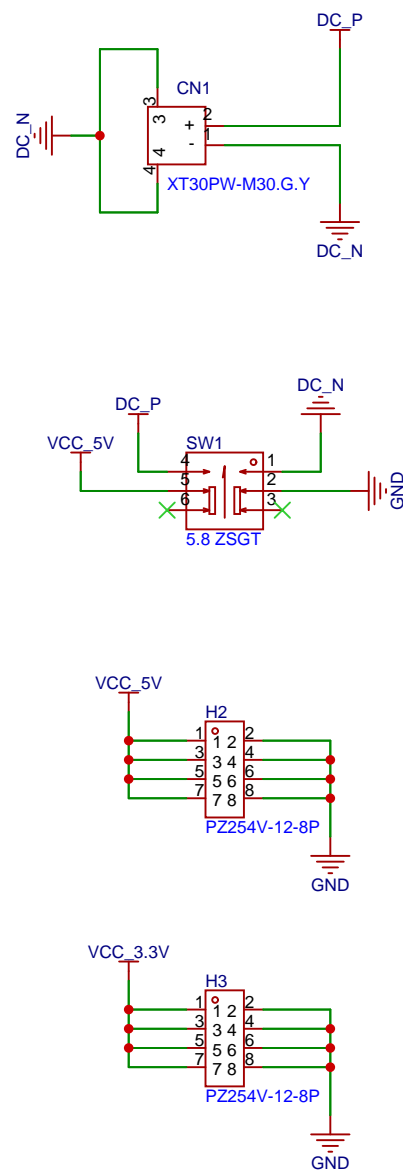
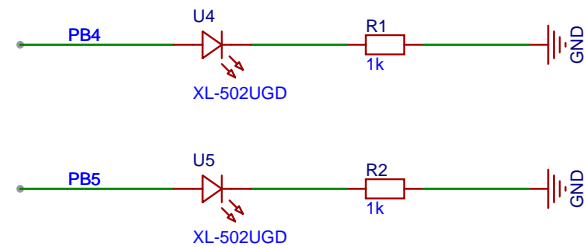
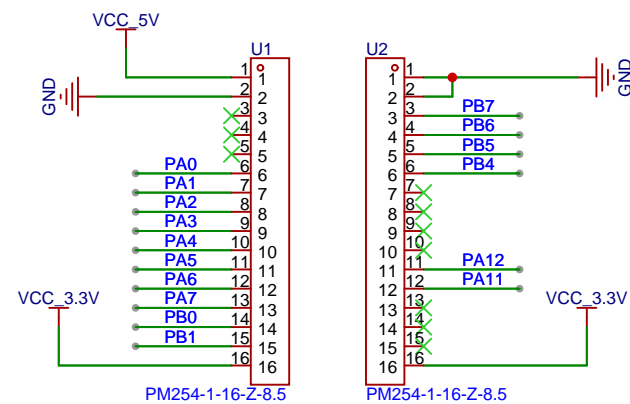


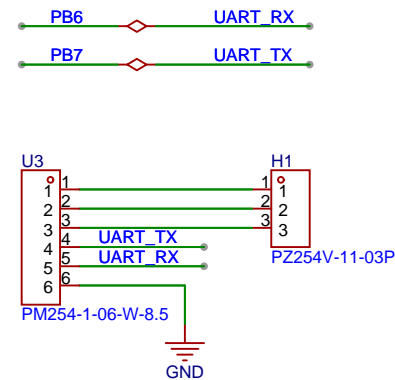
Power Supply



STM32F042 Module

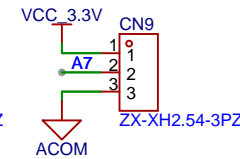
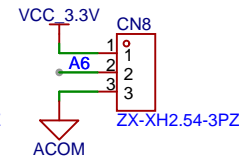
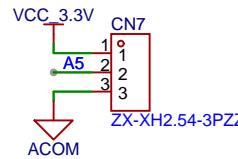
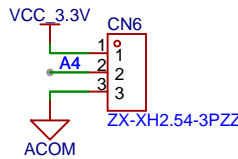
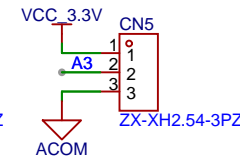
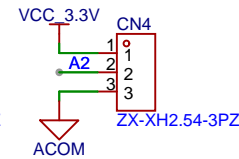
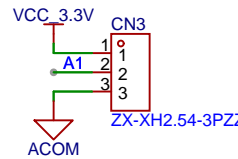
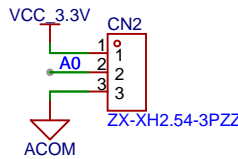
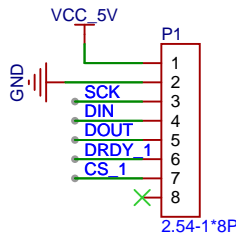
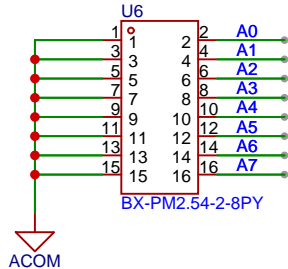


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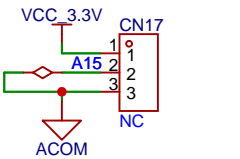
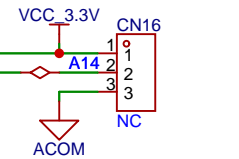
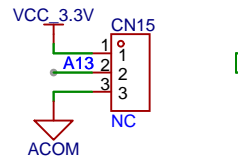
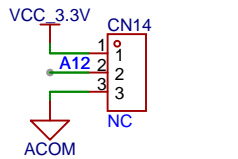
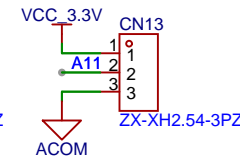
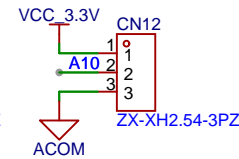
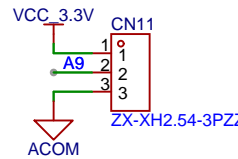
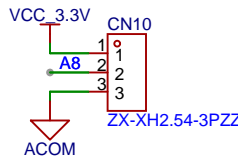
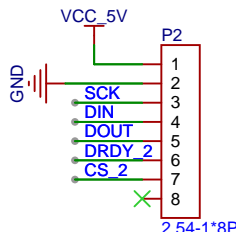
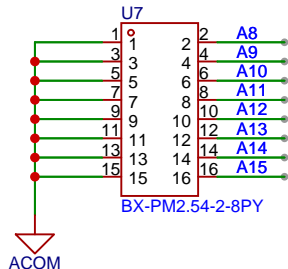


Schematic	DexUMI_MainBoard			Create at	2025-05-27
Board	Board1			Update at	2025-05-29
Drawn	DexUMI_MainBoard			Page	STM32
Reviewed					
		Version	Size	Page 1 Total 2	
EasyEDA		V1.0	A4	EasyEDA.com	

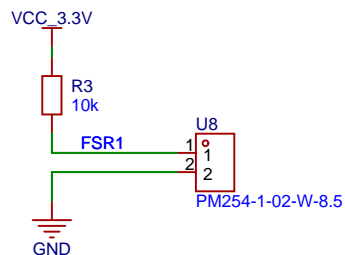
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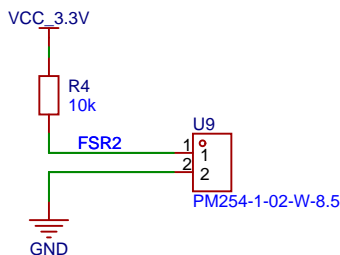
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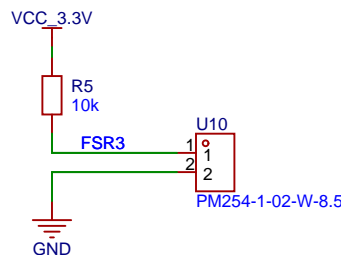
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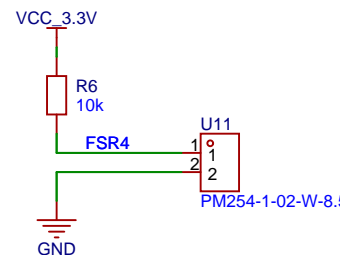
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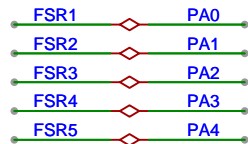
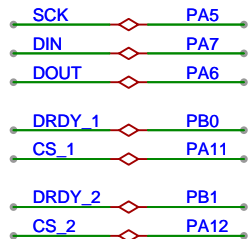
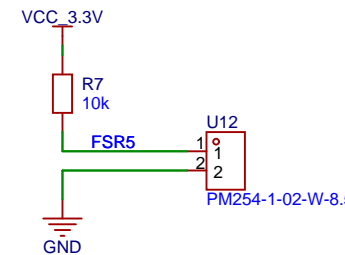
# FSR



# FSR

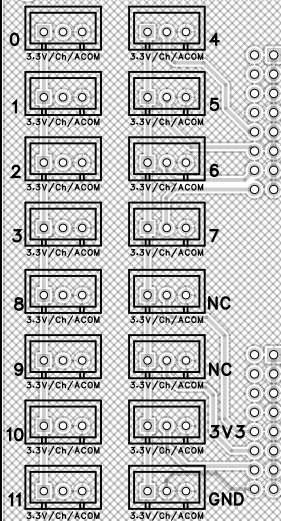


# FSR



Schematic	DexUMI_MainBoard			Create at	2025-05-27
Board	Board1			Update at	2025-05-29
Drawn	DexUMI_MainBoard			Page	ADC
Reviewed					
Version			Size	Page 2 Total 2	
V1.0			A4	EasyEDA.com	

# Encoder



DexUMI Main Board V2.1  
<https://dex-umi.github.io>  
May.27, 2025  
REAL ©Stanford

STM32F042K6Tx

FD/R/G/VM

Designed by Doubleton07

U1

U2

U4

+

U5

+

SW1

CN1

DC 5.0V

H1

TX/RX/GND

R1 1kΩ

R2 1kΩ

R3 10kΩ

R4 10kΩ

R5 10kΩ

R6 10kΩ

R7 10kΩ

U8 FSR

U9 FSR

U10 FSR

U11 FSR

U12 FSR

H2

5V

GND

H3

3V3

GND

**ADS1256**

**ADS1256**

