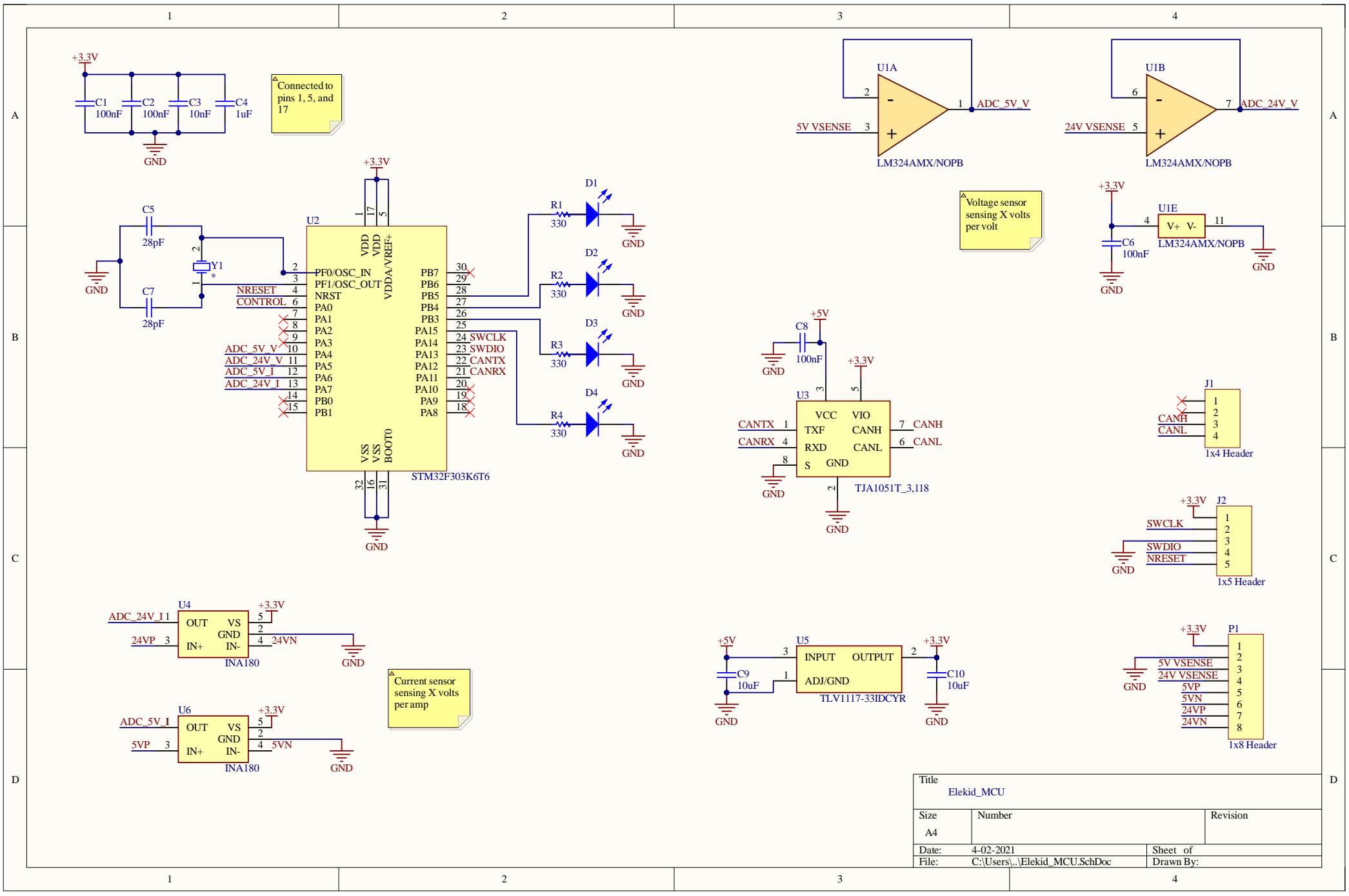


Designator	Value	Comment	Description	Footprint	Quantity
C1, C2, C6, C8	100nF	Capacitor - Nonpolarized	Nonpolarized Capacitor	0805 - Capacitor	4
C3	10nF	Capacitor - Nonpolarized	Nonpolarized Capacitor	0805 - Capacitor	1
C4	1uF	Capacitor - Nonpolarized	Nonpolarized Capacitor	0805 - Capacitor	1
C5, C7	28pF	Capacitor - Nonpolarized	Nonpolarized Capacitor	0805 - Capacitor	2
C9, C10	10uF	Capacitor - Nonpolarized	Nonpolarized Capacitor	0805 - Capacitor	2
D1, D2, D3, D4		LED	Light Emitting Diode	0805 - Resistor	4
J1		1x4 Header	1x4 Pin Header	B4B-XH	1
J2		1x5 Header	1x5 Pin Header	HDR1X5	1
P1		1x8 Header	1x8 Pin Header	HDR1X8	1
R1, R2, R3, R4	330	Resistor	Resistor	0603 - Resistor	4
U1		LM324AMX/NOPB	Gen Purp 4Ch Opamp	LM324AMX/NOPB	1
U2		STM32F303K6T6	Integrated Circuit	QFP80P900X900X160-32N	1
U3		TJA1051T_3,118	CAN Transceiver IC 4.5V-5.5V 250ns	TJA1051T/3,118	1
U4, U6		INA180	0V to 26V Current Sense Amplifier	INA180	2
U5		TLV1117-33IDCYR	Linear Voltage Regulator IC 3.3V 800MA SOT223-4	TLV1117	1
Y1		Oscillator	Crystal Oscillator	2-SMD NO LEAD CRYSYAL	1



Title		
Elekid_MCU		
Size	Number	Revision
A4		
Date:	4-02-2021	Sheet of
File:	C:\Users\...\Elekid_MCU.SchDoc	Drawn By:





