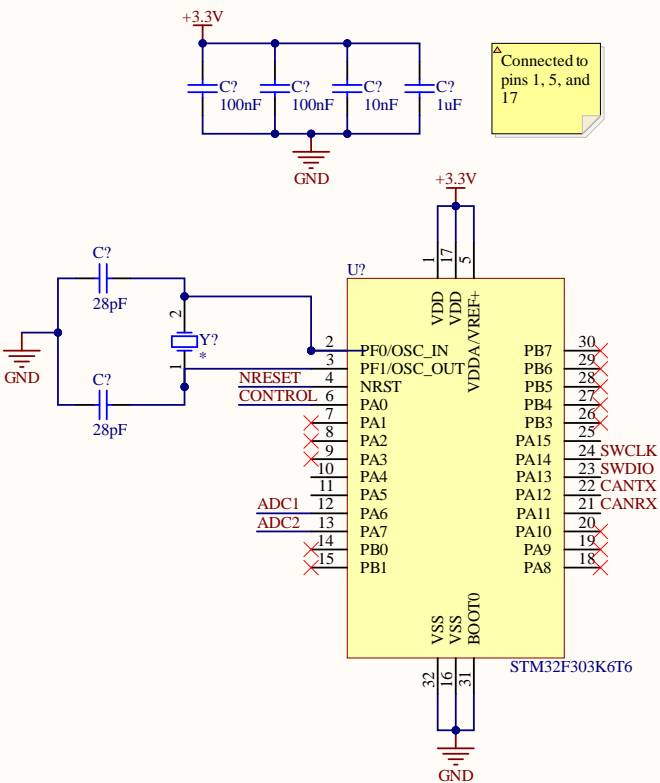
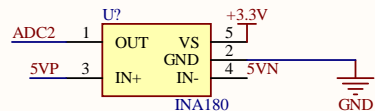
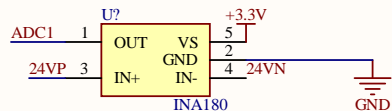
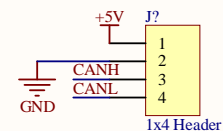
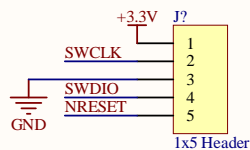
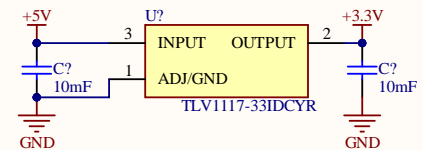
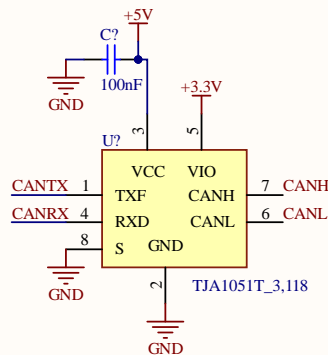


Designator	Value	Comment	Description	Footprint	Quantity
C?	1uF	Capacitor - Nonpolarized	Nonpolarized Capacitor	0805 - Capacitor	1
C?	10mF	Capacitor - Nonpolarized	Nonpolarized Capacitor	0805 - Capacitor	2
C?	10nF	Capacitor - Nonpolarized	Nonpolarized Capacitor	0805 - Capacitor	1
C?	28pF	Capacitor - Nonpolarized	Nonpolarized Capacitor	0805 - Capacitor	2
C?	100nF	Capacitor - Nonpolarized	Nonpolarized Capacitor	0805 - Capacitor	3
J?		1x4 Header	1x4 Pin Header	B4B-XH	1
J?		1x5 Header	1x5 Pin Header	HDR1X5	1
U?		INA180	0V to 26V Current Sense Amplifier	INA180	2
U?		STM32F303K6T6	Integrated Circuit	QFP80P900X900X160-32N	1
U?		TJA1051T_3,118	CAN Transceiver IC 4.5V-5.5V 250ns	TJA1051T/3,118	1
U?		TLV1117-33IDCYR	Linear Voltage Regulator IC 3.3V 800MA SOT223-4	TLV1117	1
Y?		Oscillator	Crystal Oscillator	2-SMD NO LEAD CRSYSTAL	1



Connected to pins 1, 5, and 17



Title		
Elekid_MCU		
Size	Number	Revision
A4		
Date:	3/31/2021	Sheet of
File:	C:\Users\...\Elekid_MCU.SchDoc	Drawn By:

