

DB25-relay-HV-control

Lafe Spietz

NIST

Summer 2024

Bill of Materials

- 1 Mohm resistors
- Relays
- Headers
- Dsub through hole connector

Kit

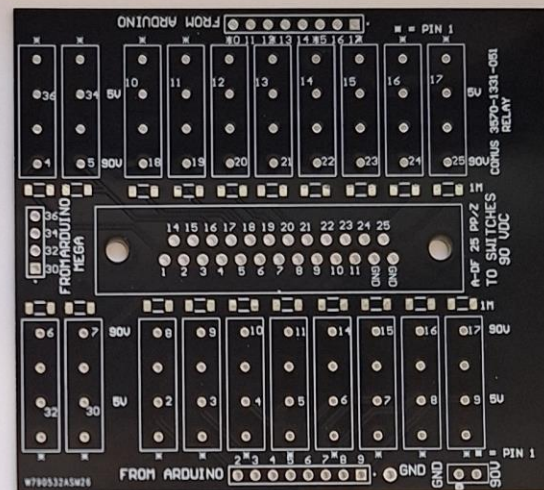
INV#104523620
SO#86650499 IDX: 2
PO#24-672-B-0679

DigiKey

701 Brooks Ave South, Thief River Falls, MN 56701 USA

PN	311-1.00MFRCT-ND		
MFR PN	RC1206FR-071ML		
Part Desc	RES 1M OHM 1% 1/4W 1206		
CREP	24-672-B-0679		
Date Code	2135	Lot Code	38K2440789
	COO	TW	
	RoHS	ROHS3 COMP	
	MSL	1	
	02-MAY-2024 11:29	MID 731335	
oLPN	 004654194		
Manufacturer	YAGEO		Quantity 200

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INV#104523620
SO#86650499 IDX: 1
PO#24-672-B-0679

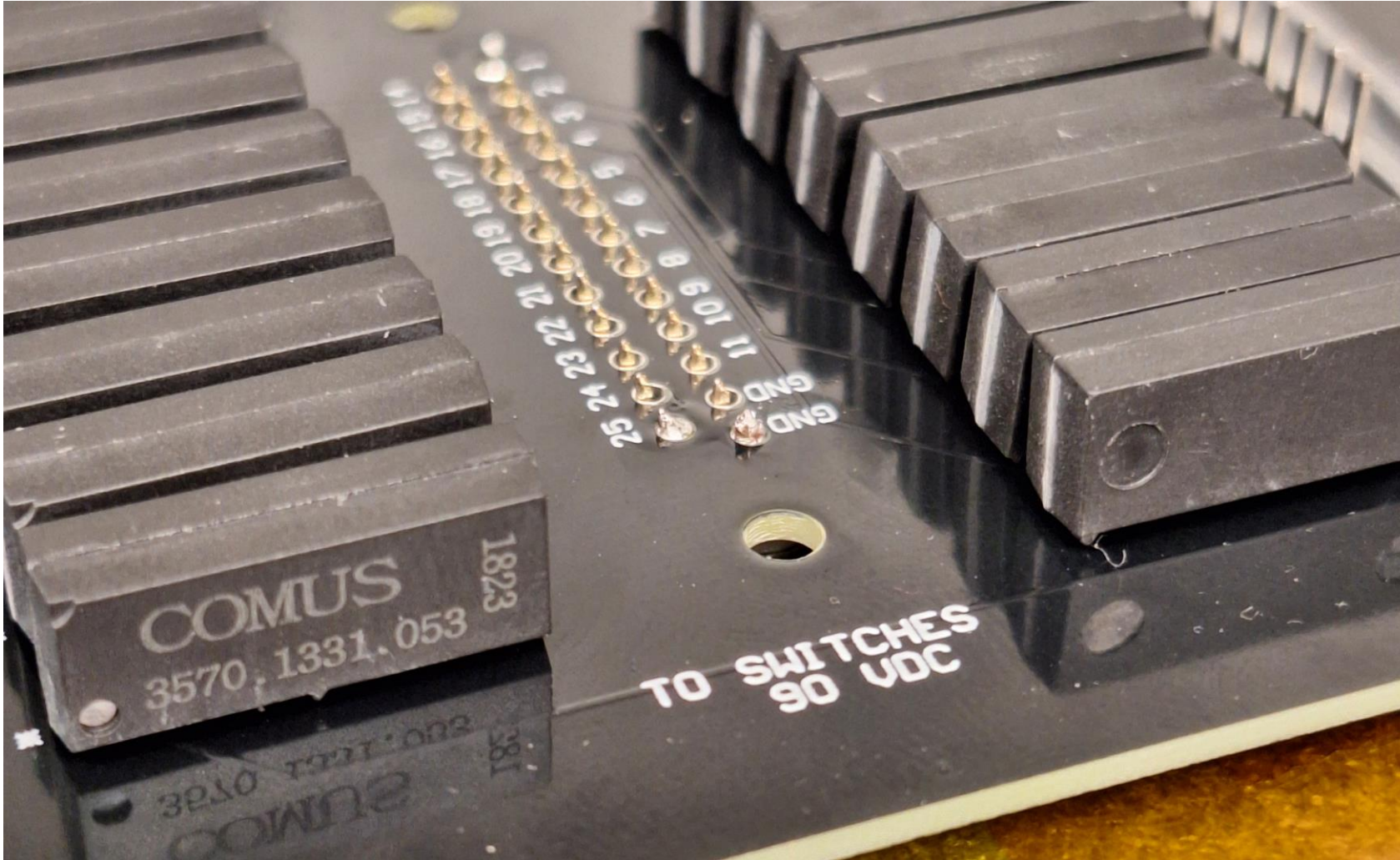
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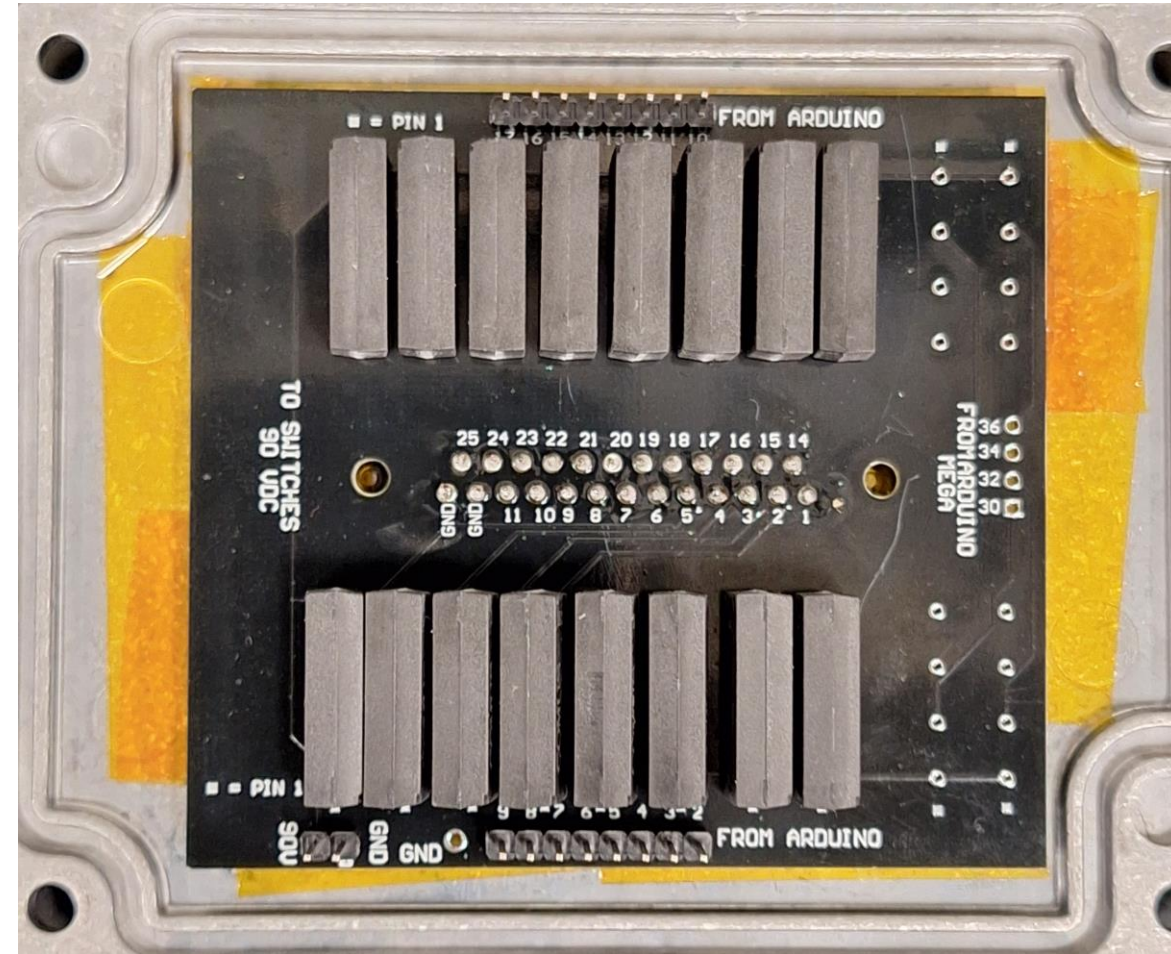
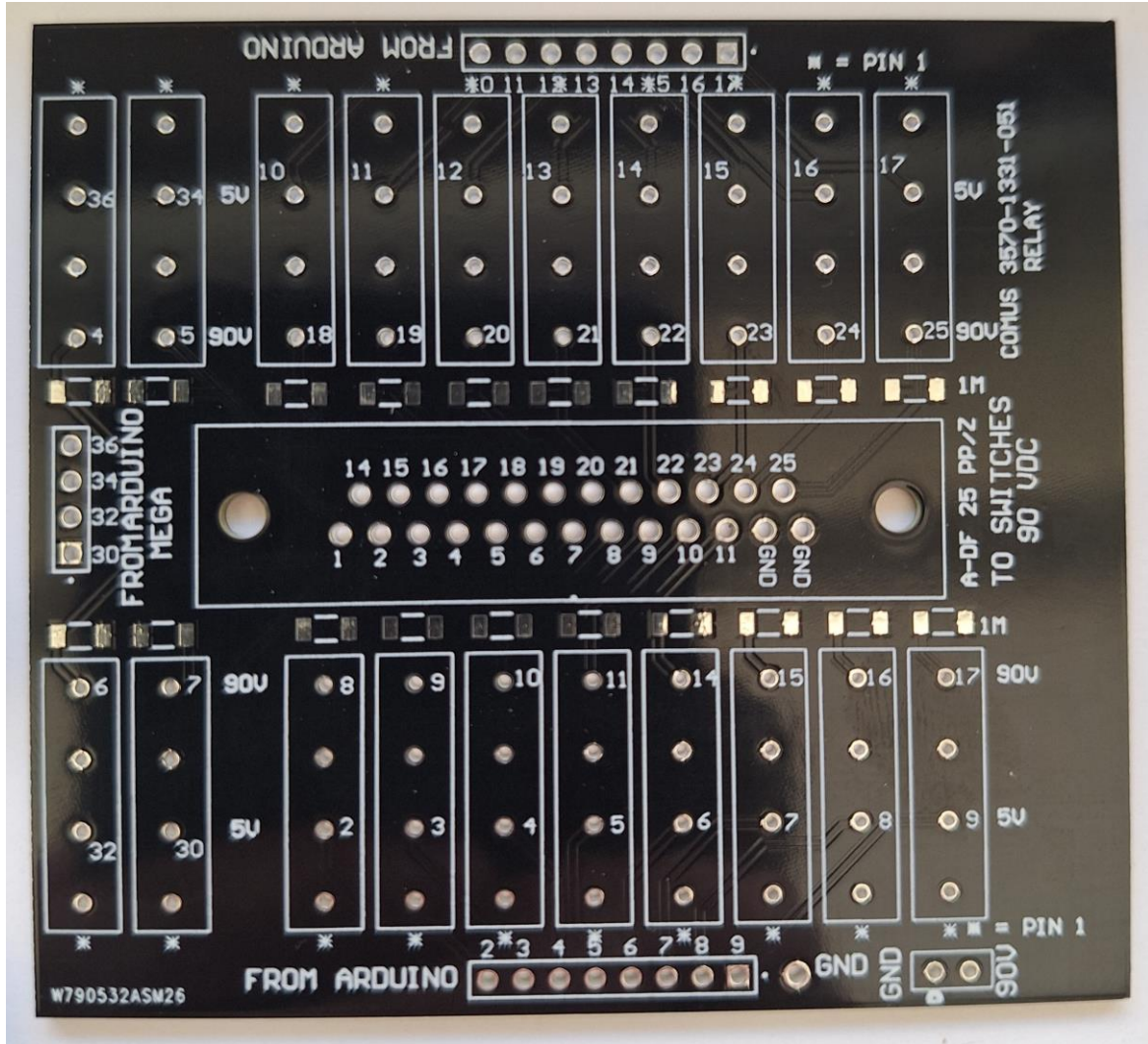
701 Brooks Ave South, Thief River Falls, MN 56701 USA

PN	1835-1117-ND		
MFR PN	3570-1331-053		
Part Desc	RELAY REED SIP SPST .5A 5V W/DIO		
CREP	24-672-B-0679		
Date Code	1823	Lot Code	
	COO	TW	
	RoHS	ROHS3 COMP	
	MSL	1	
	02-MAY-2024 11:52	MID 7497099	
oLPN	 004654194		
Manufacturer	COMUS INTERNATIONAL		Quantity 100

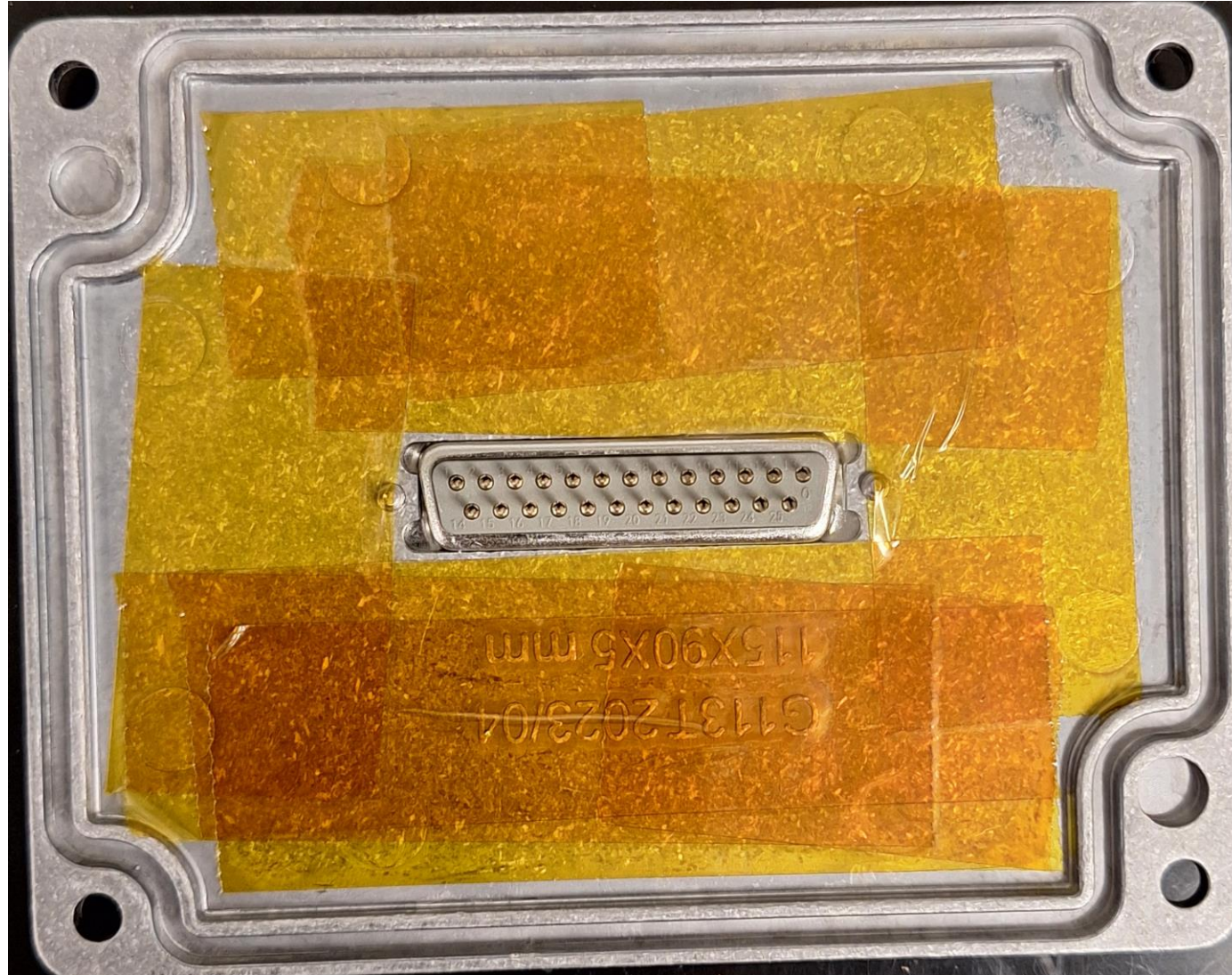
784847077

Lift board up when soldering to increase clearance





Adding polyimide tape to the lid



This must be assembled *before* the circuit board is soldered to the DB25 connector!

Prevent potential shorts


Relay

Part Number: 3570 1331
General Purpose SIP - 1 Form A
Product Data Sheet

PICTURE



FEATURES

- SIP 1 Form A - 10 W molded dry reed relays
- Low cost switching solutions.
- Industry standard package.
- Optional internal coil suppression diode.
- 5, 12 and 24 volt coils available.
- UL File E358613 

✓RoHS Compliant

ORDERING INFORMATION

Series	Coil	Options
3570.1331.	05	1 = no diode 3 = with diode
	12	
	24	

Part Number Example: 3570.1331.xxx
3570.1331.051 = 5 volt coil, no diode

SCHEMATIC

