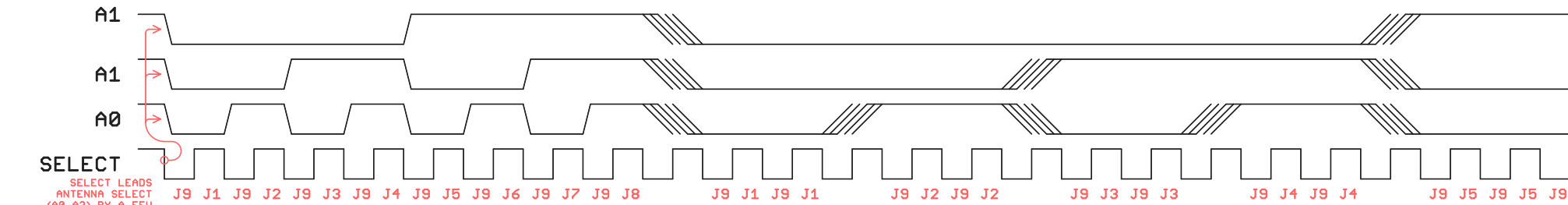
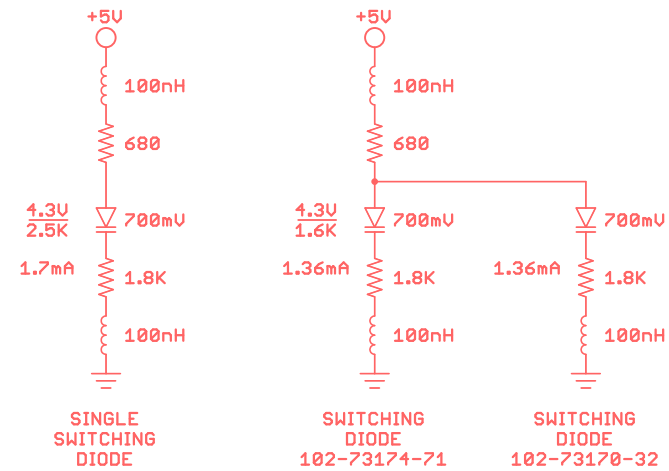
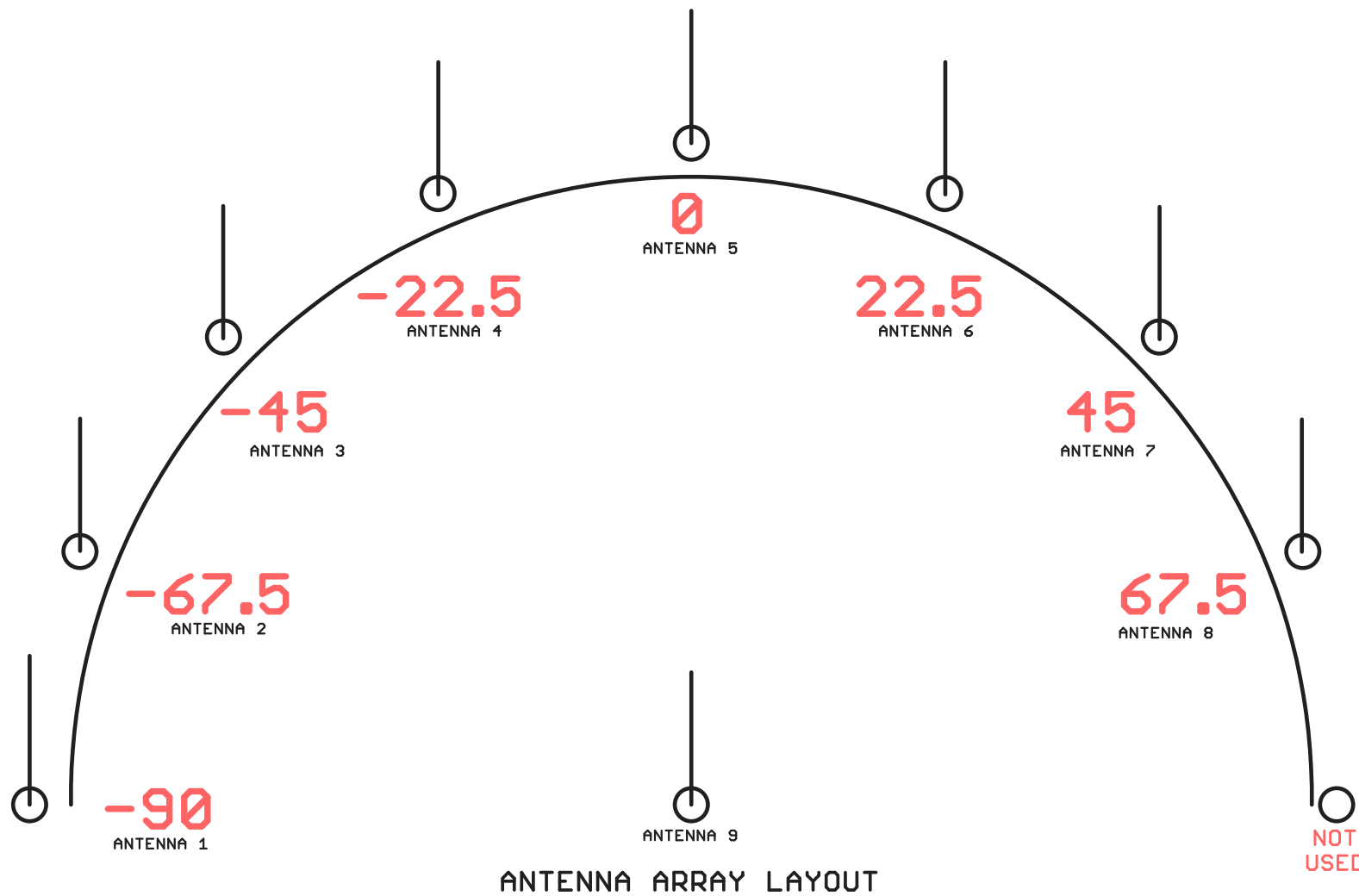


ELECTRONIC ANTENNA ROTATOR



SELECT LEADS
ANTENNA SELECT
(A0..A2) BY A FEW
TENS OF MICROSECONDS.
A0-A1-A2 CHANGE WHEN
CENTER ANTENNA IS
SELECTED, MASKING ANY
GLITCHING.

WHEN PROCESSOR CONTROLS TIMING SAMPLING MAY OCCUR
MORE THAN ONCE FOR EACH ELEMENT



MARK ZERO POINT FOR
PICK & PLACE FILE ON
PRINTED CIRCUIT BOARD

 THIS BOARD CONTAINS
STATIC SENSITIVE
DEVICES. HANDLE
ONLY IN STATIC SAFE
ENVIRONMENT

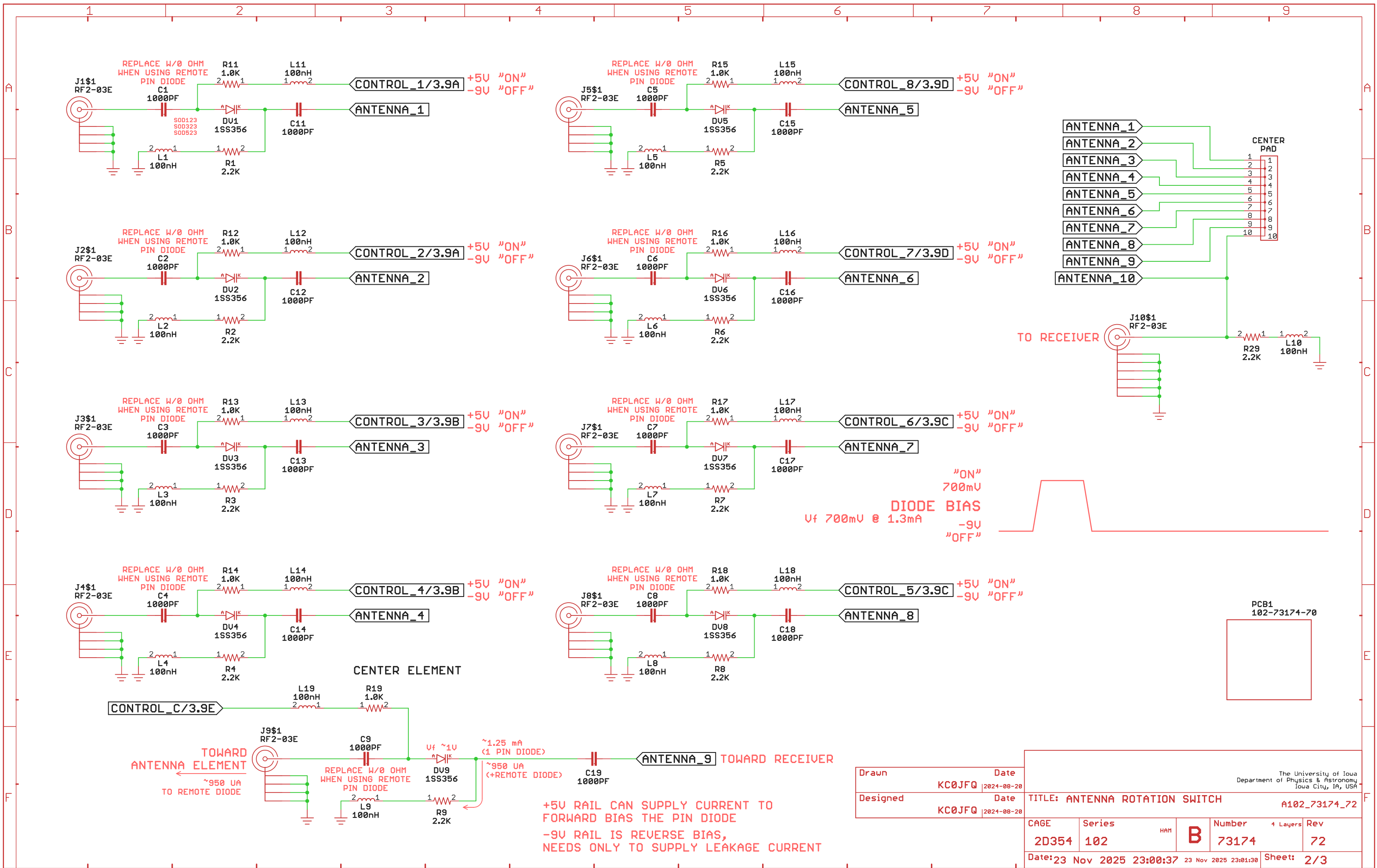
PWA RELEASED AS 2D354 102-73174-72

PWB RELEASED AS 2D354 102-73174-72

TOP_FULL	BOARD ASSY	BOT_COMPACT	BOARD-ID
DRAWING FRAME SHOWN ON CIRCUIT BOARD			
Drawn		Date	
		KC0JFQ	2024-08-20
Designed		Date	
		KC0JFQ	2024-08-20

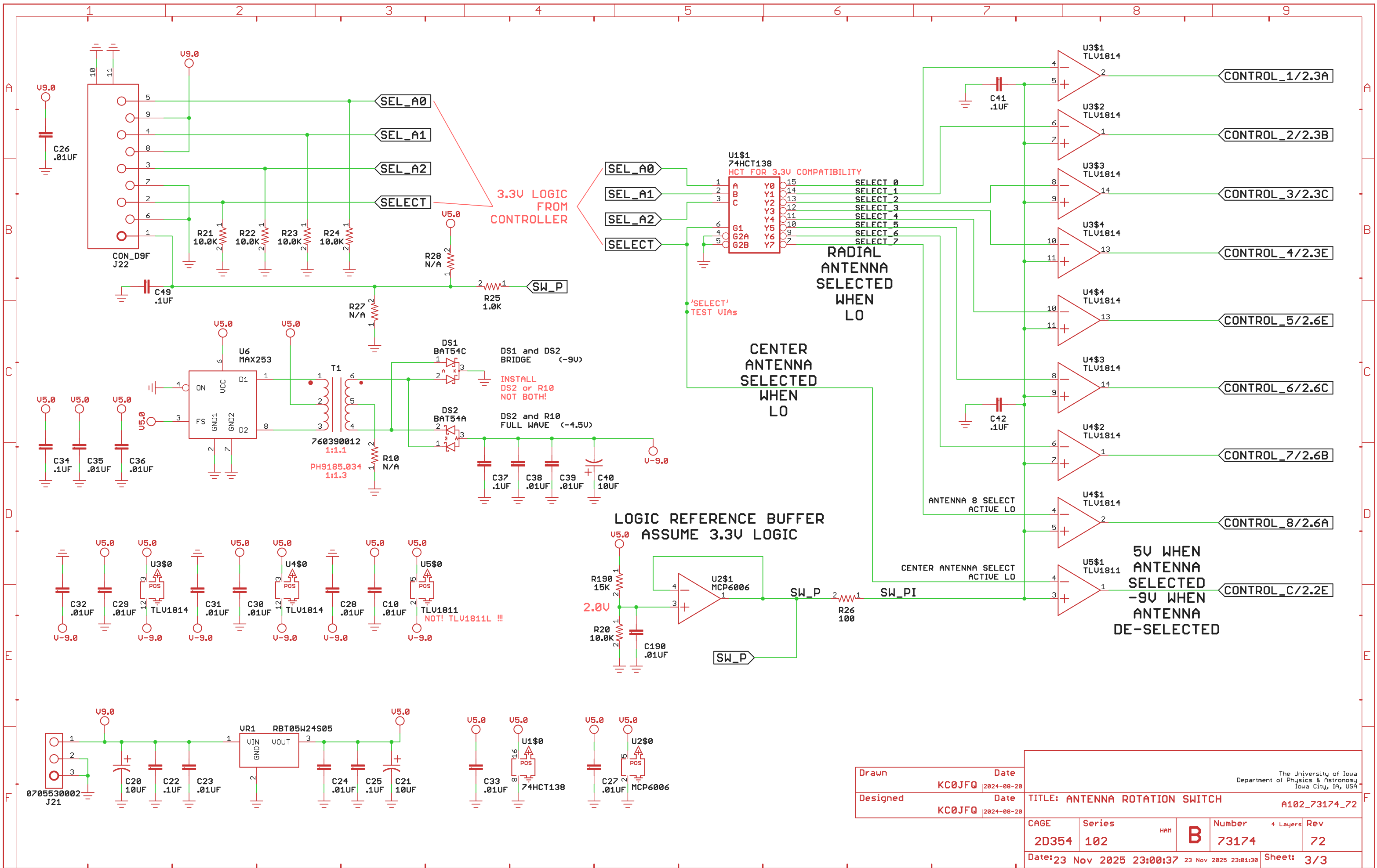
 The University of Iowa
 Department of Physics & Astronomy
 Iowa City, IA, USA

CAGE 2D354	Series 102	HAM B	Number 73174	4 Layers	Rev 72
Date: 23 Nov 2025 23:00:37			23 Nov 2025 23:01:30	Sheet:	1/3



Drawn	KC0JFQ	Date	2024-08-20
Designed	KC0JFQ	Date	2024-08-20

The University of Iowa Department of Physics & Astronomy Iowa City, IA, USA				
TITLE: ANTENNA ROTATION SWITCH				
A102_73174_72				
CAGE	Series	HAM	Number	4 Layers
2D354	102	B	73174	72
Date: 23 Nov 2025 23:00:37 23 Nov 2025 23:01:30 Sheet: 2/3				



Drawn	KC0JFQ	Date	2024-08-20
Designed	KC0JFQ	Date	2024-08-20

The University of Iowa Department of Physics & Astronomy Iowa City, IA, USA				
TITLE: ANTENNA ROTATION SWITCH				
A102_73174_72				
CAGE	Series	HAM	Number	4 Layers
2D354	102	B	73174	Rev
Date: 23 Nov 2025 23:00:37			23 Nov 2025 23:01:30	Sheet: 3/3