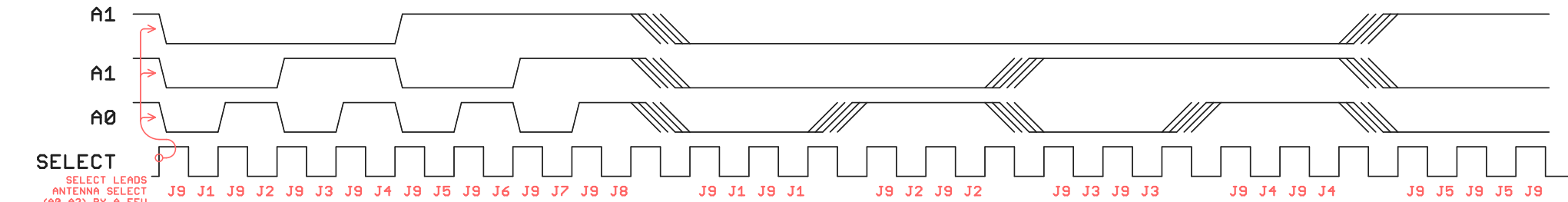
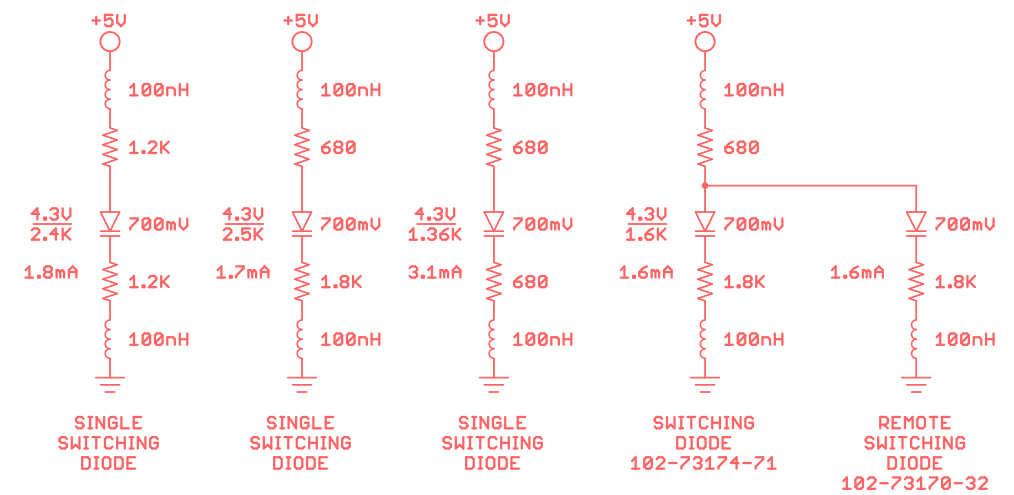
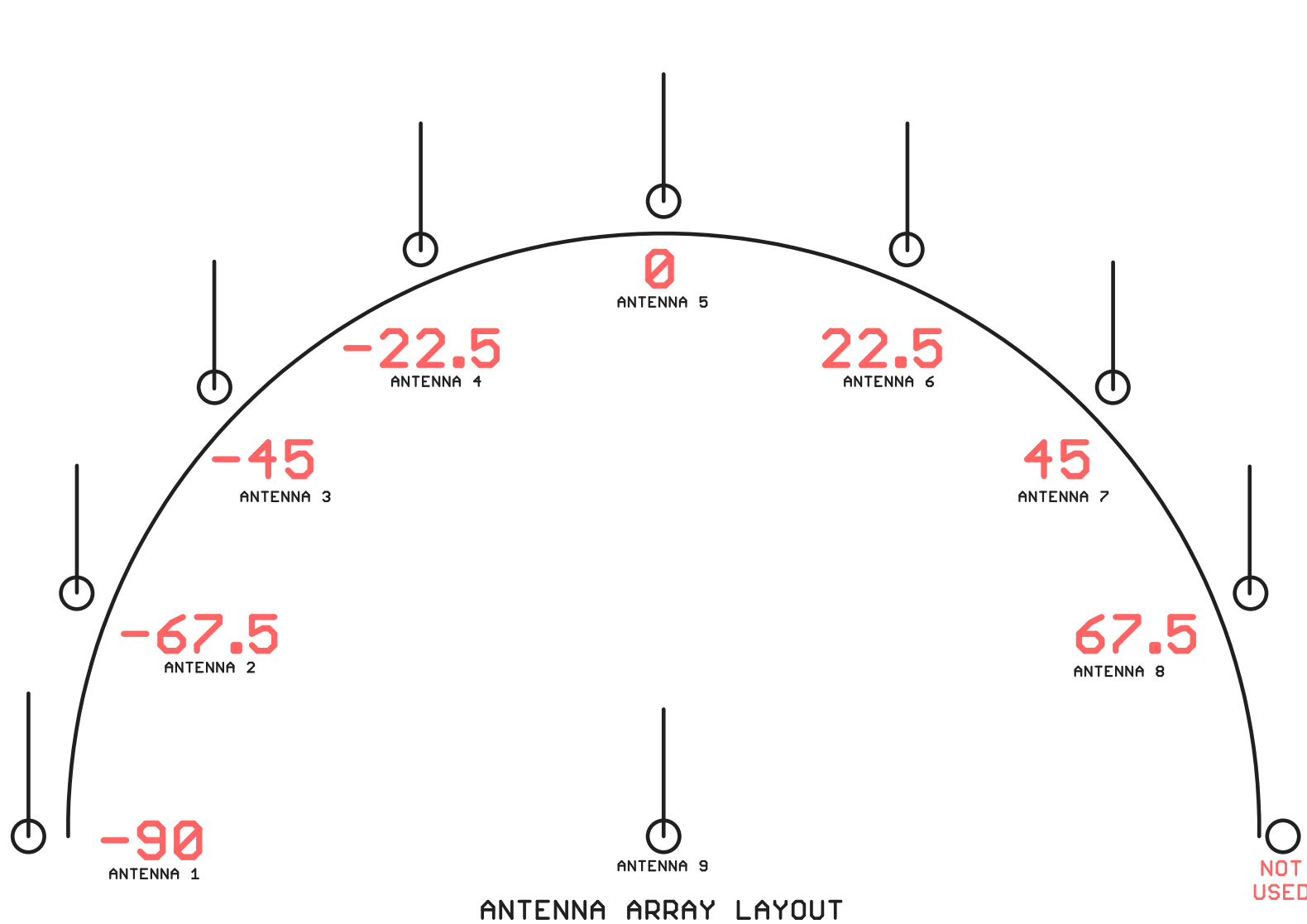


ELECTRONIC ANTENNA ROTATOR



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

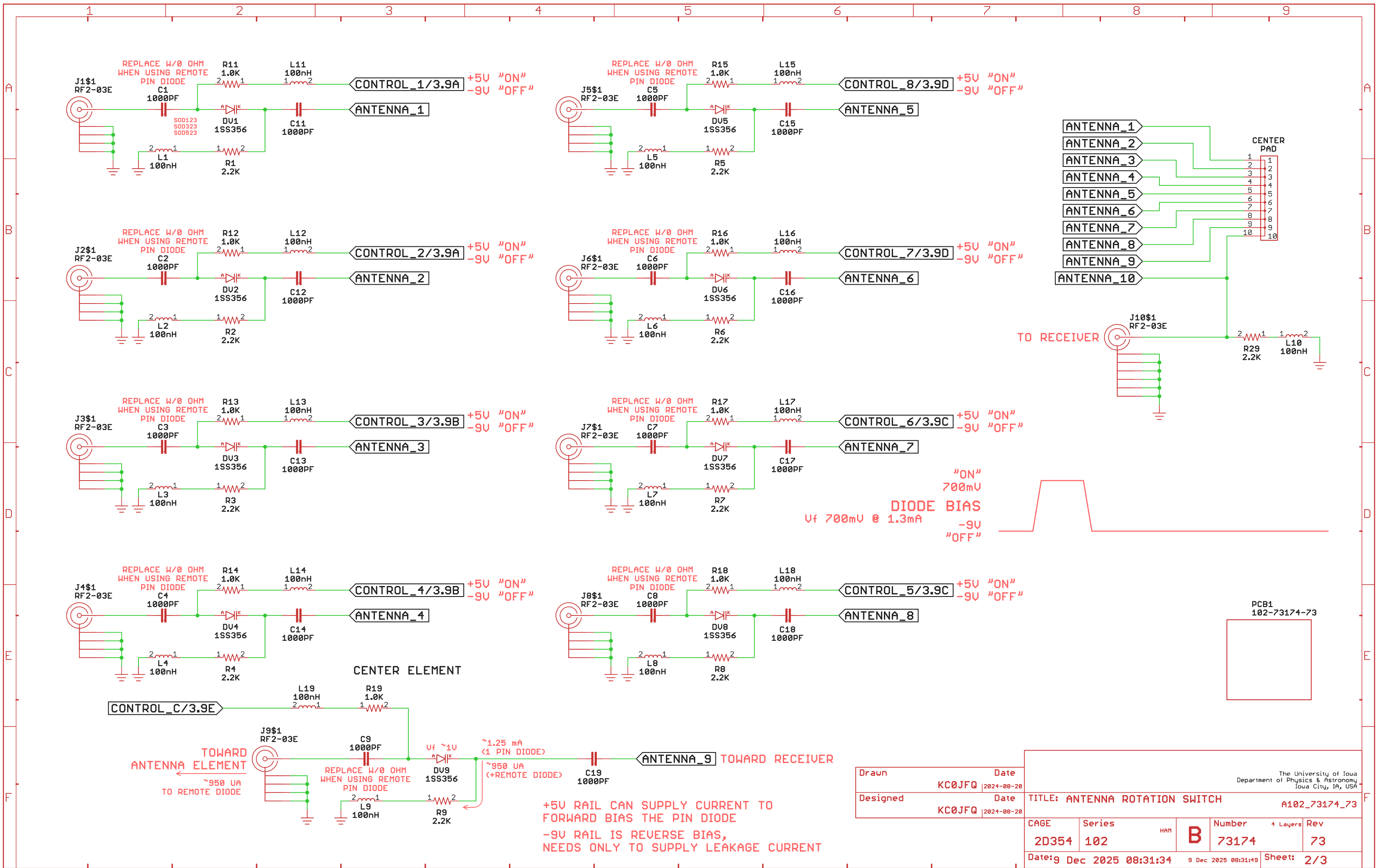
PWA RELEASED AS 2D354 102-73174-73

PWB RELEASED AS 2D354 102-73174-73

TOP_FULL	BOARD_ASSY	BOT_COMPACT	BOARD_ID
DRAWING FRAME SHOWN ON CIRCUIT BOARD			
Drawn		Date	
		KC0JFQ	2024-08-21
Designed		Date	
		KC0JFQ	2024-08-21

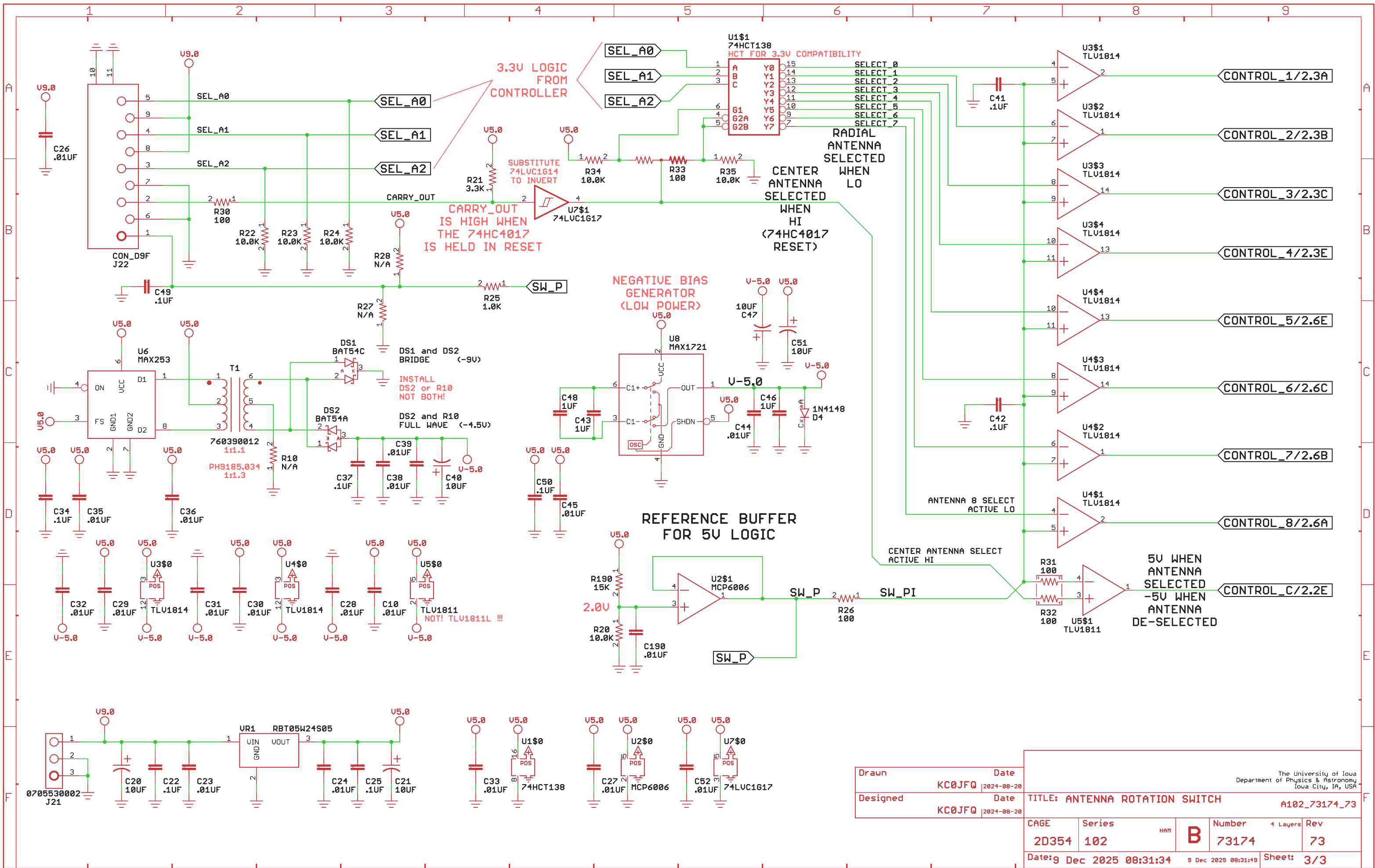
 The University of Iowa
 Department of Physics & Astronomy
 Iowa City, IA, USA

CAGE	Series	HAM	B	Number	4 Layers	Rev
2D354	102			73174		73
Date: 9 Dec 2025 08:31:34		9 Dec 2025 08:31:49		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_73				
CAGE	Series	HAM	Number	4 Layers
2D354	102	B	73174	73
Date: 9 Dec 2025 08:31:34 9 Dec 2025 08:31:49 Sheet: 2/3				



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

The University of Iowa Department of Physics & Astronomy Iowa City, IA, USA				
TITLE: ANTENNA ROTATION SWITCH				
A102_73174_73				
CAGE	Series	HAM	Number	Rev
2D354	102	B	73174	73
Date: 9 Dec 2025 08:31:34 9 Dec 2025 08:31:49 Sheet: 3/3				