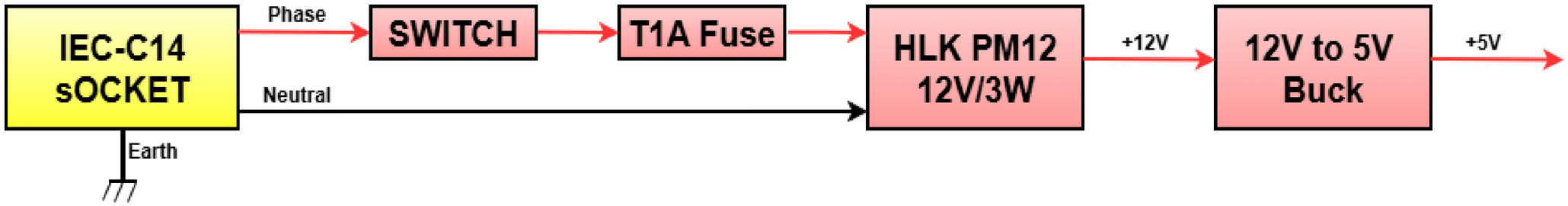
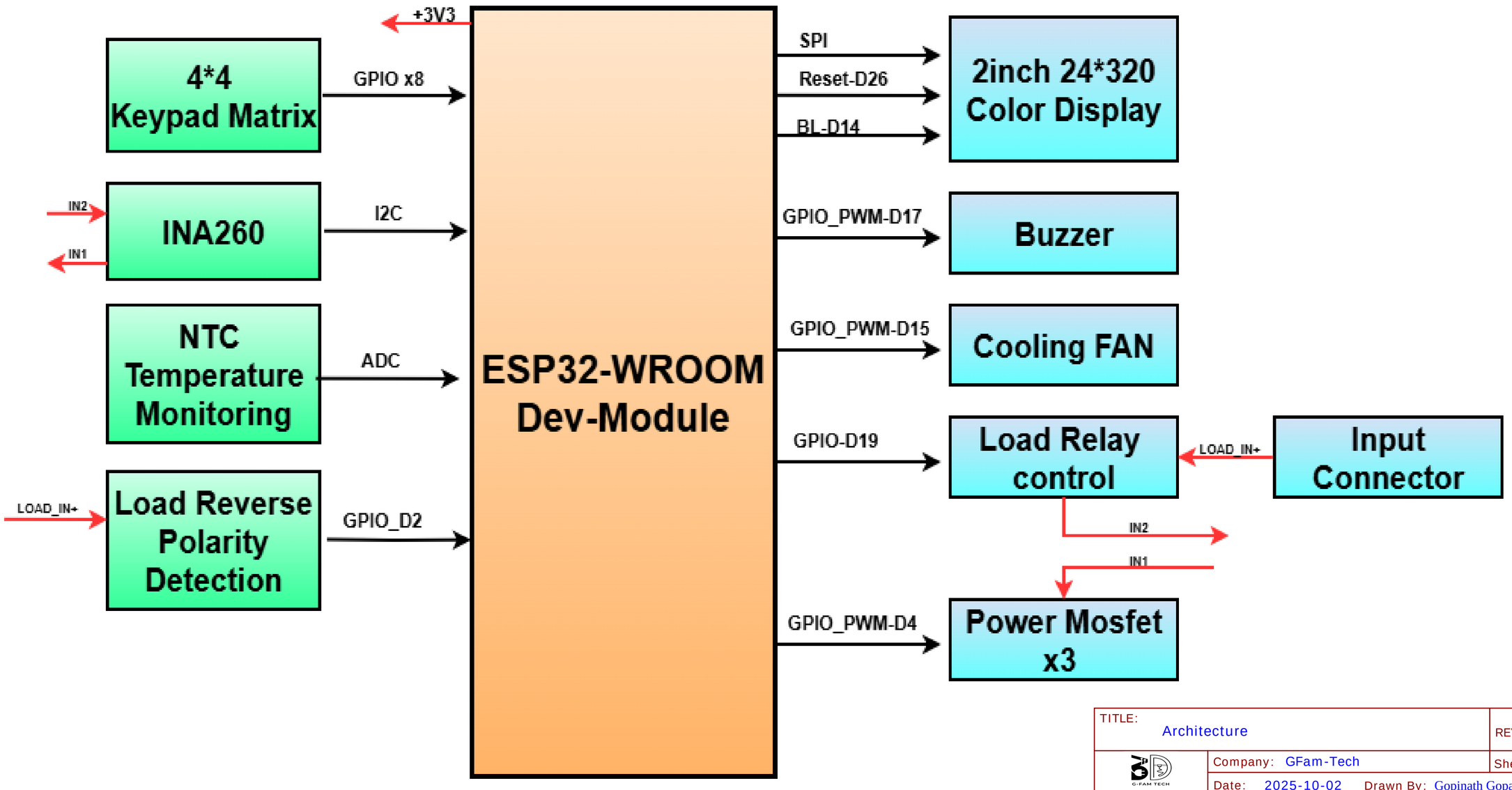
Power Architecture

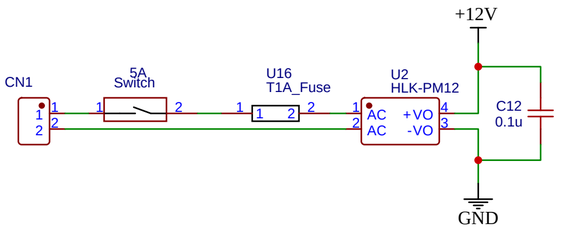


System Architecture

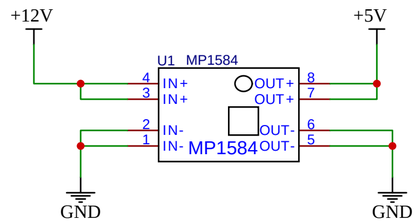


TITLE: Architecture		REV: 1.0
G-FAM TECH	Company: GFam-Tech	Sheet: 1/1
	Date: 2025-10-02 Drawn By: Gopinath Gopalakrishnan	

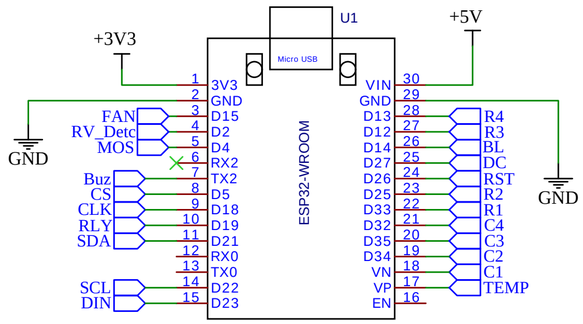
230AC to 12V DC



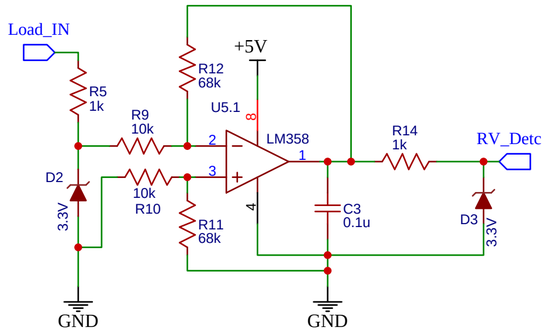
12V to 5V Buck



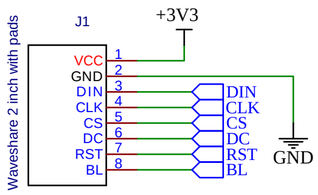
MCU



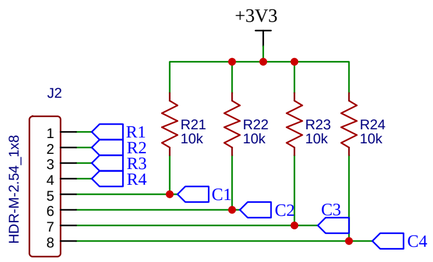
Reverse voltage Detection



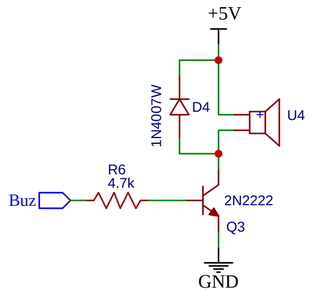
Display connector



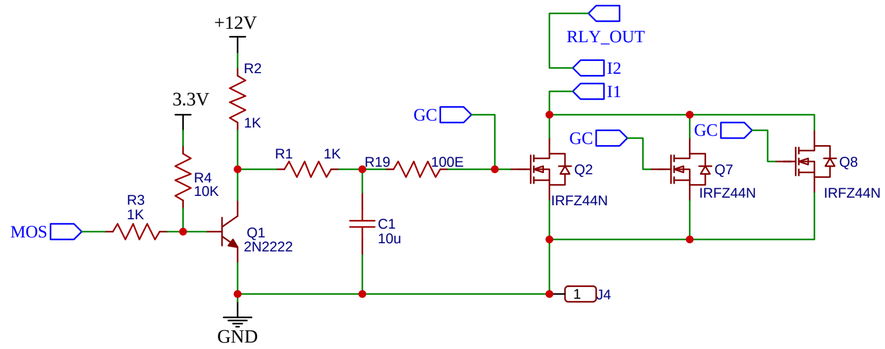
Keypad matrix



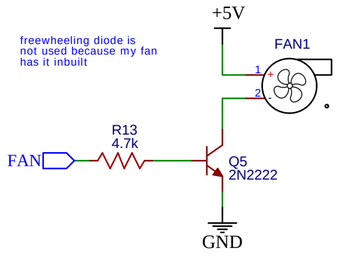
Buzzer control



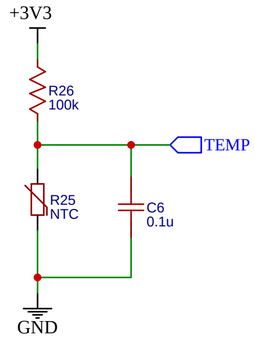
Mosfet Control



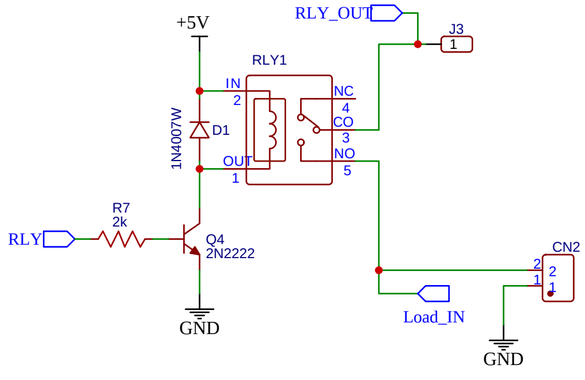
cooling Fan



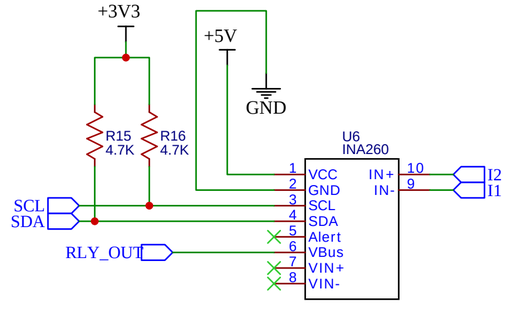
NTC



Load input Relay Control



Current and Voltage Measurement



TITLE: Schematics	REV: 1.0
Company: GFam-tech	Sheet: 1/1
Date: 2025-02-24	Drawn By: Gopinath Gopalakrishnan