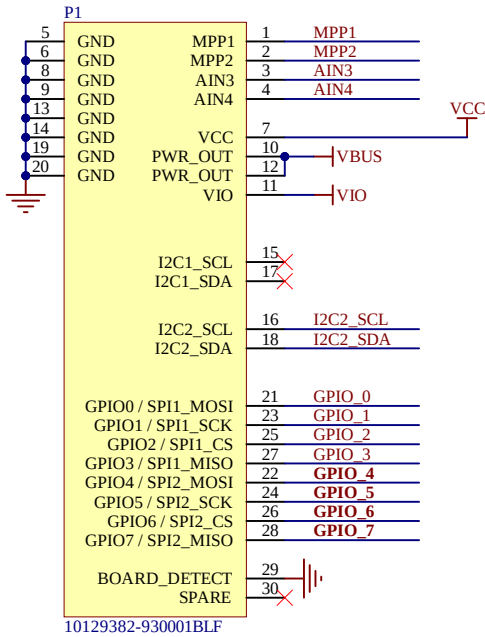
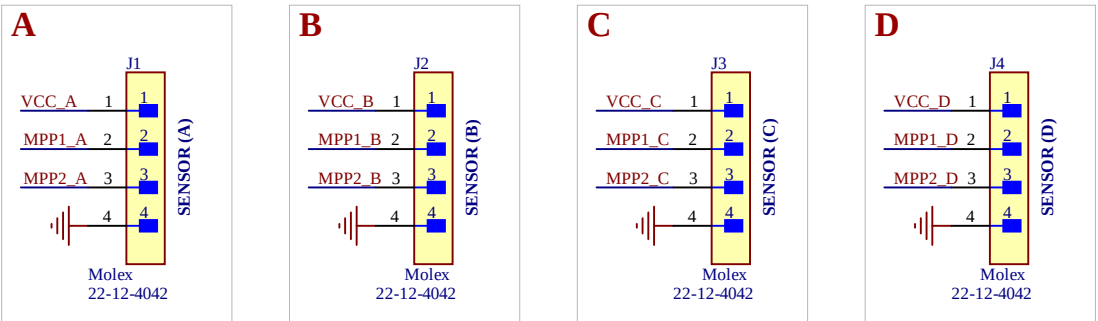


ASEK-35-INT-02, Multiplexing Interface Board

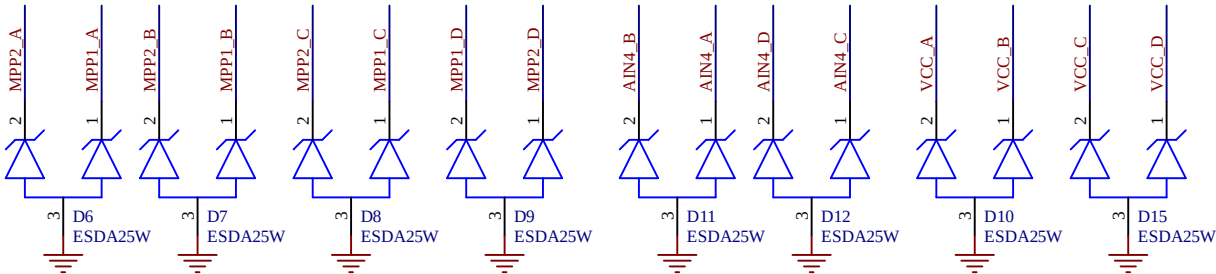
to ASEK-35



SENSORS

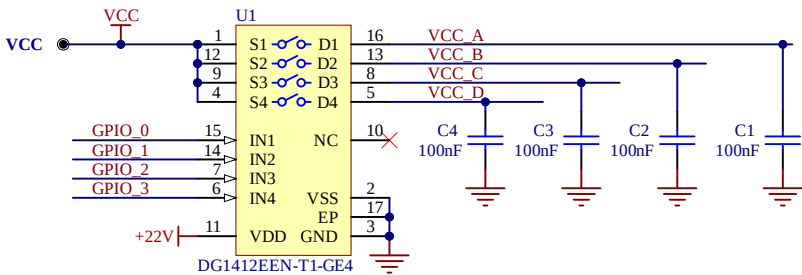


Compatible Cable Assembly: Molex KK254 series



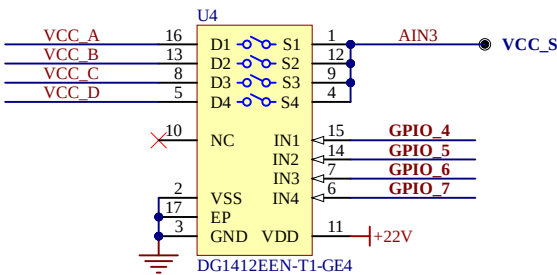
VCC MUX

Sensor supply, max load 150mA



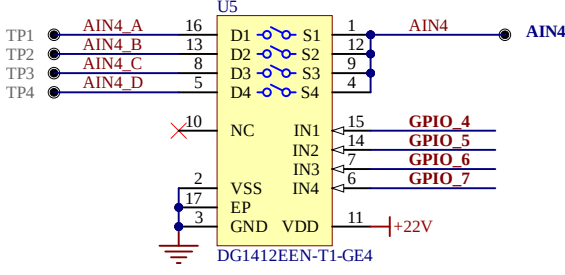
VCC MEASUREMENT on BOARD

Compensation of on-board VCC drop.



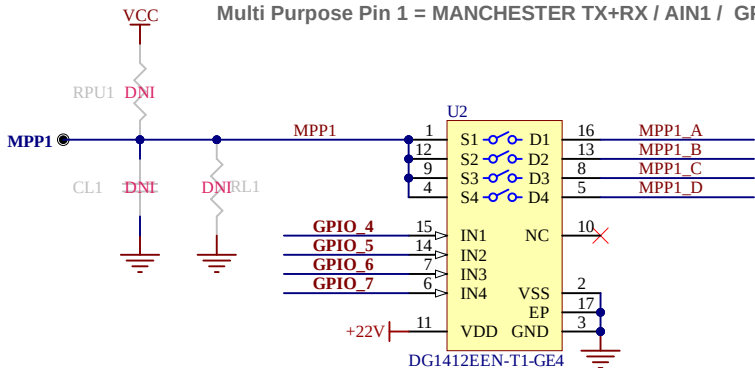
VCC MEASUREMENT on DUT

OPTIONAL compensation of VCC drop



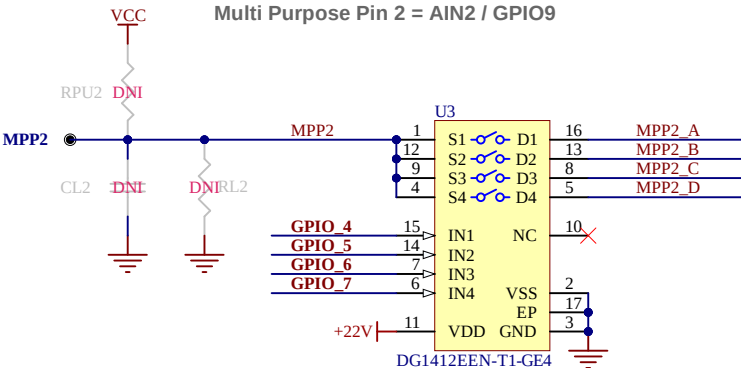
MPP1 MUX

Multi Purpose Pin 1 = MANCHESTER TX+RX / AIN1 / GPIO8

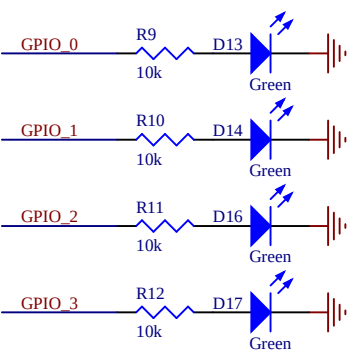


MPP2 MUX

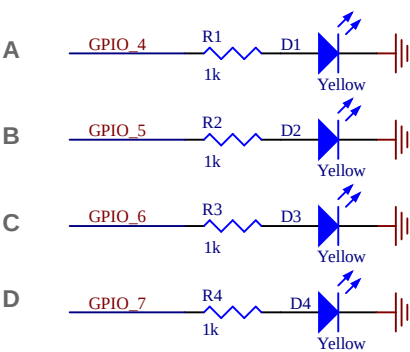
Multi Purpose Pin 2 = AIN2 / GPIO9



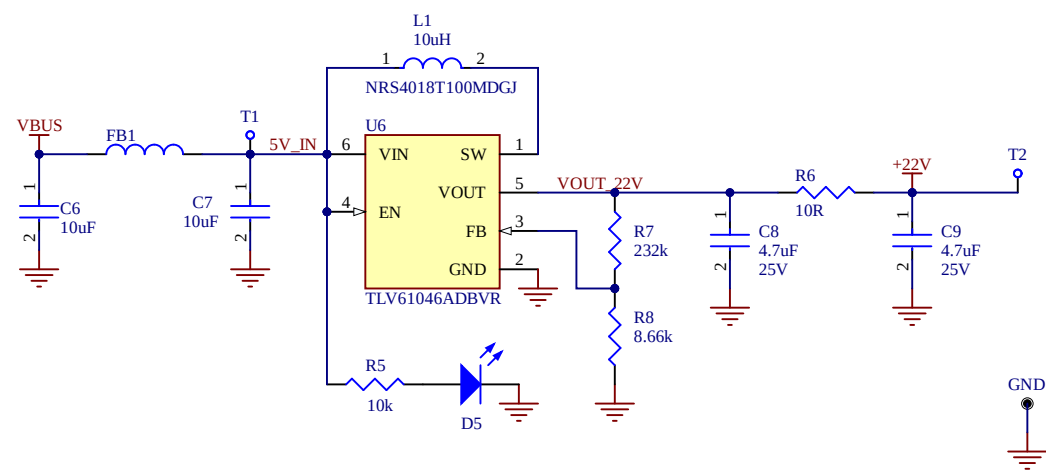
SUPPLIED SENSOR INDICATION



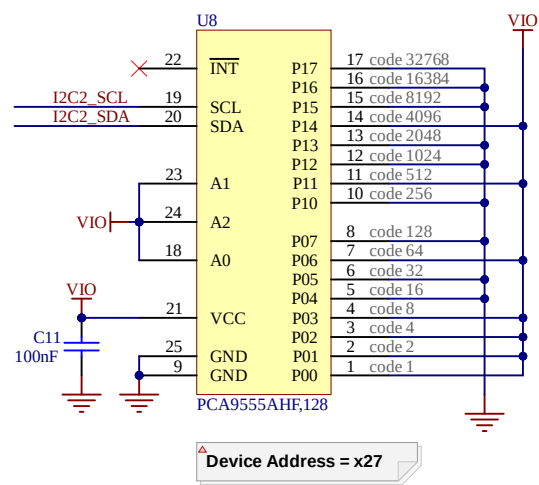
ACTIVE SENSOR INDICATION



+22V SUPPLY



Board ID = 4687



RB1
SJ61A4

RB2
SJ61A4

RB3
SJ61A4

RB4
SJ61A4



Title: ASEK-35-INT-02, Multiplexing Interface Board			
Size: B	Number: TED-0004687-revA	Revision: 1	Allegro MicroSystems 955 Perimeter Rd Manchester NH 03103
	Author: Radek Krystian		
	Date: 3/5/2025		
Time: 2:44:24 PM		Sheet 3 of 3	
File: TED-0004687-rev-A - Page3.SchDoc			