
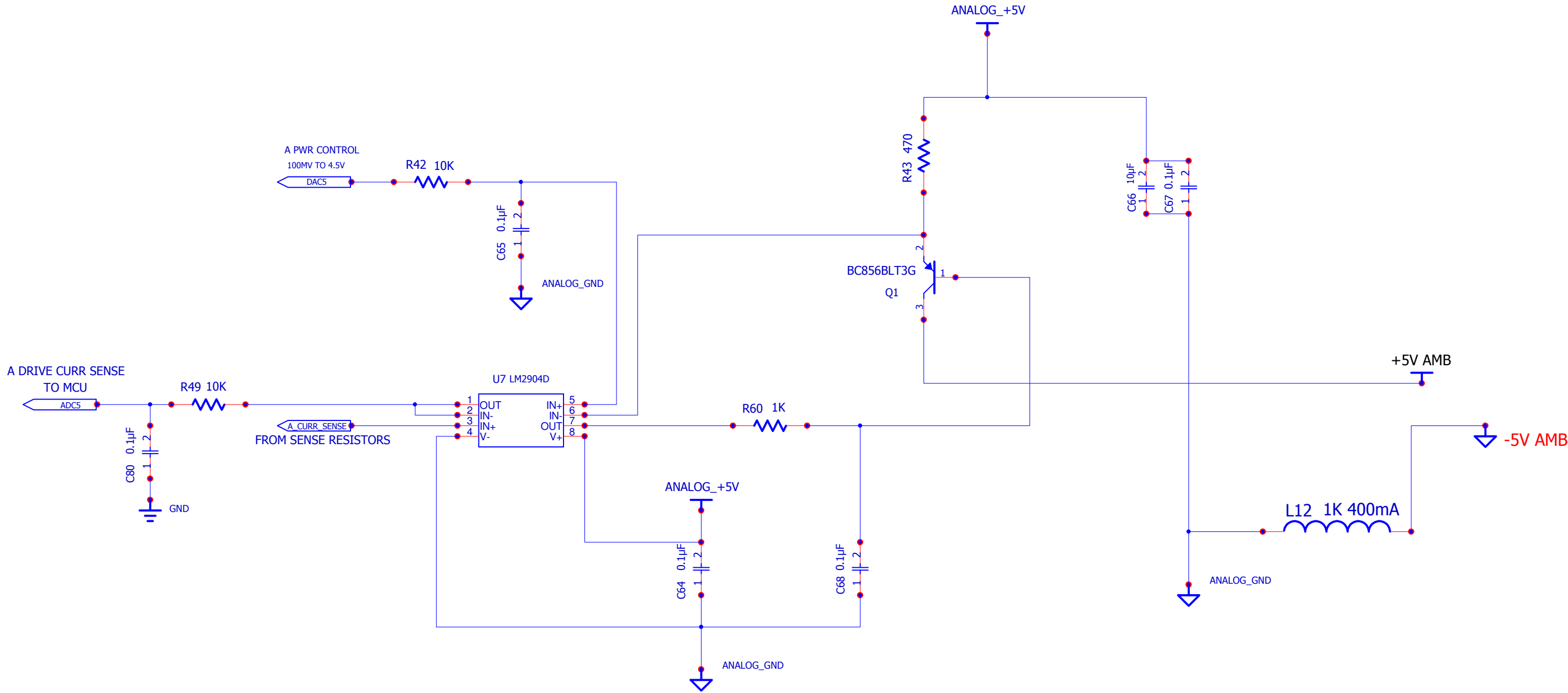
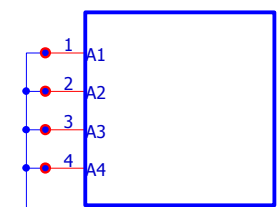


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		DOC. NO. 0000-0000-00	REV. 1.2
CREATED	_SCHCREATEDATE	PAGE NAME	LAST REVISION
AUTHOR	_SCHAUTOR	CONN	_SCHREVDAT
APPROVED BY	_SCHAPPROVEDBY		
CHECKED BY	_SCHCHECKEDBY	PAGE 3 OF 7	

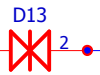


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AUTHOR	_SCHAUTHOR		_SCHREVDATE
APPROVED BY	_SCHAPPROVEDBY		
CHECKED BY	_SCHCHECKEDBY		PAGE 4 OF 7

H1
4X MOUNTING HOLES



5.6vdc 40a TVS 0805 SMD



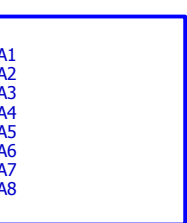
0.1µF C95

EARTH

+24V_INPUT

24V_GND

MAIN PLUG
J1 I-BUS PORT



A_COMM

B_COMM

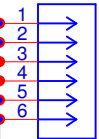
VCC



PDI_DATA

PDI_CLOCK

PROG PORT
J6



EARTH

HEARTBEAT_LED



HEARTBEAT

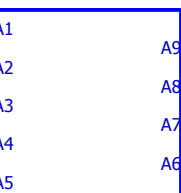
BOARD TEMP SENSE
U15 AD7314



ANALOG_+5V



USB PORT
J7



USB_DATA

USB_DATA



C99 4700pF

R53 1M

EARTH

A SENSOR FAULT = STEADY
H SENSOR COOLING = FLASHING

COOL_LED

H SENSOR FAULT = STEADY
H SENSOR HEATING = FLASHING

HEAT_LED



HEAT



COOL

RX_LED



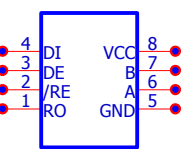
TX



RX

ANALOG_+5V

U14 ADM1485JRZ




VC060314A300DP

R52 4.70K

B_COMM

A_COMM

 I-TECH Address 1 Address 2 Address 3	Sensor Driver Board		
	DOC. NO. 0000-0000-00		REV.1.2
	PAGE NAME		LAST REVISION
CREATED	_SCHCREATEDATE	PERIPHERAL	
AUTHOR	_SCHAUTHOR		
APPROVED BY	_SCHAPPROVEDBY	PAGE 7 OF 7	
CHECKED BY	_SCHCHECKEDBY		