

Resistor to Current (Tranform Ratio 3000:1)

Current	Rcurr	Current Type
1000A	3.3Ω	0
750A	4.3Ω	1
500A	6.8Ω	2
300A	10Ω	3
200A	15Ω	4
120A	27Ω	5
80A	43Ω	6

Resistor to Voltage (Primary)

Voltage	RPvolt	Voltage Type
440Vac	270kΩ	0
380Vac	270kΩ	1
220Vac	180kΩ	2
127Vac	100kΩ	3

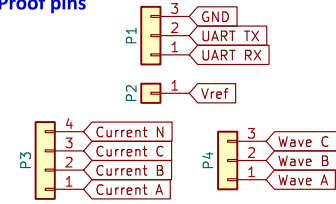
Resistor to Voltage (Secondary)

Voltage	RSvolt	Voltage Type
440Vac	510Ω	0
380Vac	560Ω	1
220Vac	560Ω	2
127Vac	510Ω	3

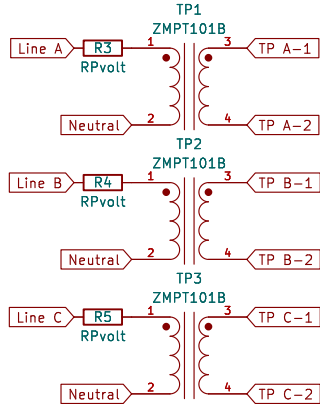
Type of Electrical System

Type	System Type
Single-phase (P+N)	0
Biphasic (2P)	0
Biphasic (2P+N)	1
Three-phase (3P+N)	2

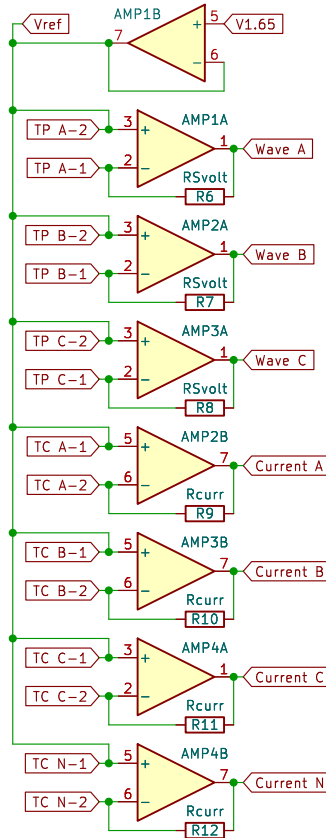
Proof pins



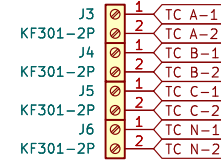
Voltage Transformation



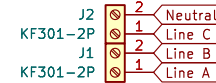
Signals Conditioning



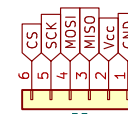
TCs Connections



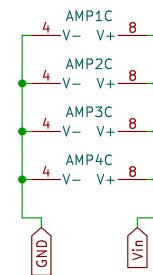
Voltage Inputs



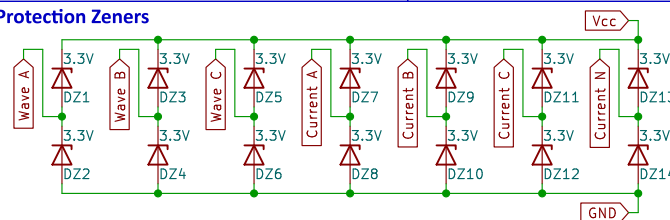
SD Card



TL082s Power



Protection Zeners



MCU

