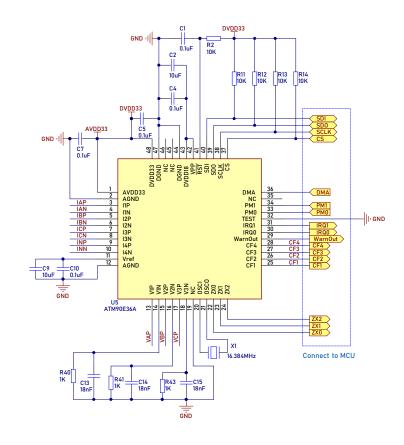
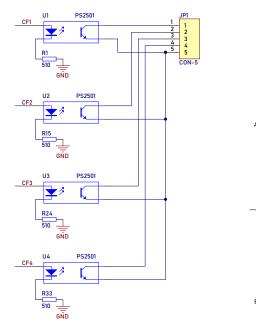
1 HARDWARE REFERENCE DESIGN

1.1 3P4W APPLICATION

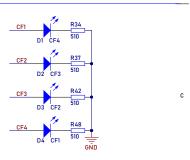
1.1.1 Schematics (Current Transformer (CT))



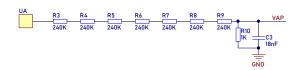
Poly Phase Metering AFE Chip (ATM90E36A)

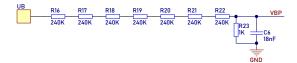


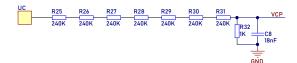
Energy Pulse Output (Isolated with Optocoupler)



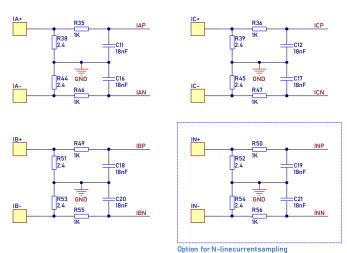
Energy Pulse Output Indicate











Current Sampling (with CT)