

The solution is to replace it with an ACS718KMATR-20B-T IC which has a different package and pinout but provides the same function. All constructors who have already received PCBs for this project will be sent an adaptor board, ACS718 IC and instructions describing how to fit the substitute device. Others who have ordered the PCB will either receive the original PCB plus the adaptor and IC or, eventually, a revised PCB with a footprint to suit the ACS718.

Appliance Energy Meter, August-October 2016: it has been brought to our attention that the ACS712 isolated current monitor IC does not have a sufficiently high “Reinforced Isolation Voltage” rating to meet Australian/New Zealand safety standards for double-insulated equipment (AS/NZS 60950.1.2011), which this device effectively is.