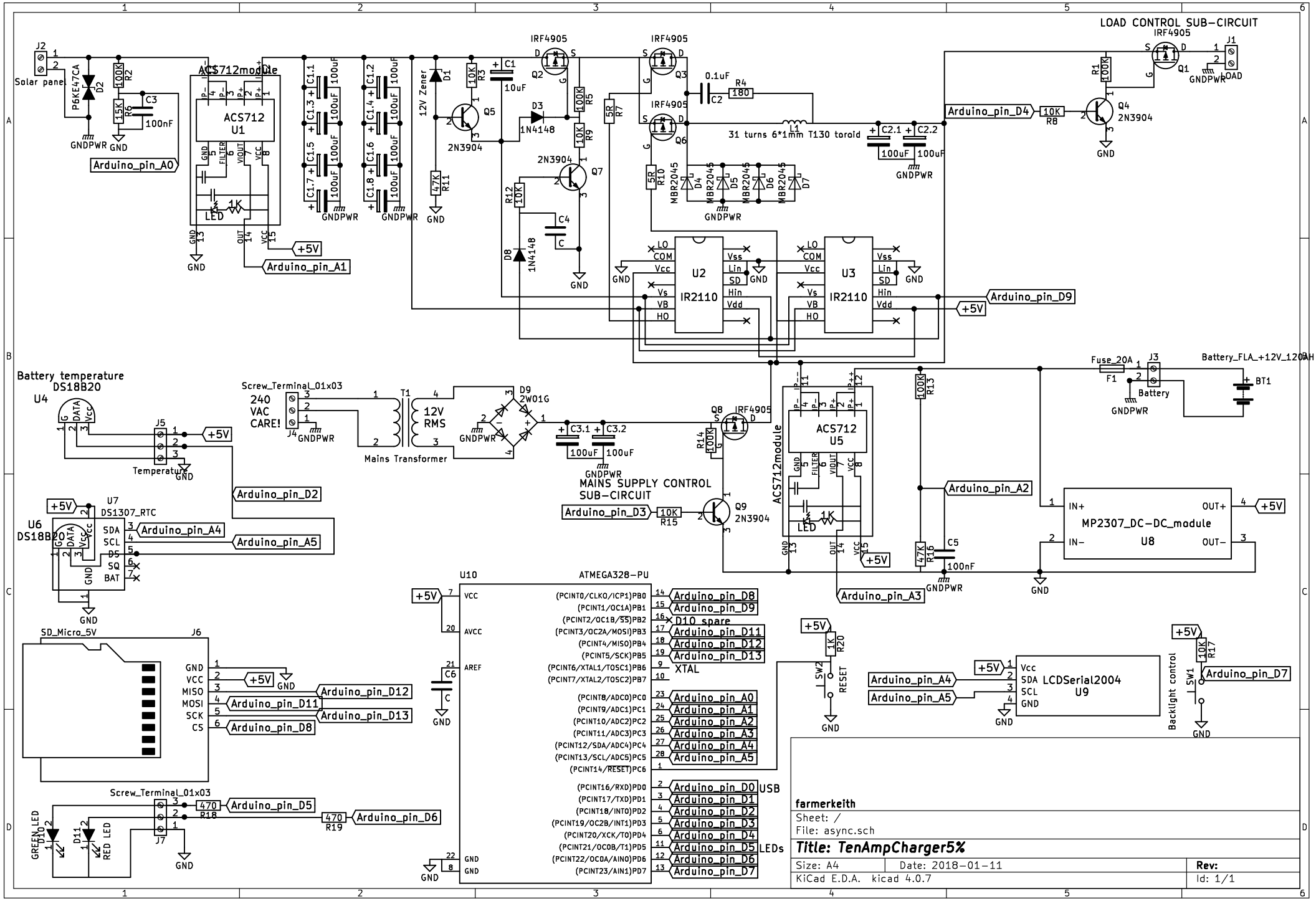
LOAD CONTROL SUB-CIRCUIT
ACS712module
ACS712 U1
IRF4905
IR2110
U2
U3
MBR2045
31 turns 6*1mm T130 toroid
12V Zener
Solar panel
P6KE47CA
Battery temperature
DS18B20
U4
U6
U7
DS1307_RTC
Screw_Terminal_01x03
240 VAC CARE!
Mains Transformer
12V RMS
D9 2W01G
MAINS SUPPLY CONTROL SUB-CIRCUIT
ACS712 U5
Fuse_20A
Battery_FLA_+12V_120AH
MP2307_DC-DC_module
U8
SD_Micro_5V
J6
U10
ATMEGA328-PU
XTAL
USB
LEDs
LCDSerial2004
U9
Backlight control
RESET
GREEN LED
RED LED
farmerkeith
Sheet: /
File: async.sch
Title: TenAmpCharger5%
Size: A4
Date: 2018-01-11
Rev:
KiCad E.D.A. kicad 4.0.7
Id: 1/1