## Transistor MOTOR CONTROL GND 5V VIN VOUT ΕN GND EN GND POLOLU\_STEPUP\_U1V11X MOSFET for pump power GND √ □ 0 NTMD4184PFR2G NTMD4184PFR2G Output Out \_\_VBAT\_ON VBAT INA219 Curr/Power Mon. Thermistor Motor current monitor CURRENT SENSE POWER4 MOTOR CONTROL SCL VIN+ SDA VCC Α0 A1 VIN-GND GND GND 5V\_POWER VCC: 3-5.5V R42 INA219AIDCNR GND CH0 5V POWER CURRENT SENSE POWER 9 Servo Controller C1 C3 +C18 MOTOR CONTROL 10uF 6 I2C Addr 0x40 20021311-00010T4LF GND GND DRIVER\_CONTROL GND VDD SDA VCC SDA SCL A2 SCL A3 EXTCLK 10 SDA 9 CH0 21 20 19 18 17 16 A5 OE A4 8 CH0 DRIVER\_CONTROL CH15 CH14 CH1 CH2 GND 20021311-00010T4LF CH13 CH12 СНЗ CH4 15 14 CH11 CH5 CH6 CH10 VBAT СН9 CH7 10 VSS CH8 GND 20021311-00010T4LF