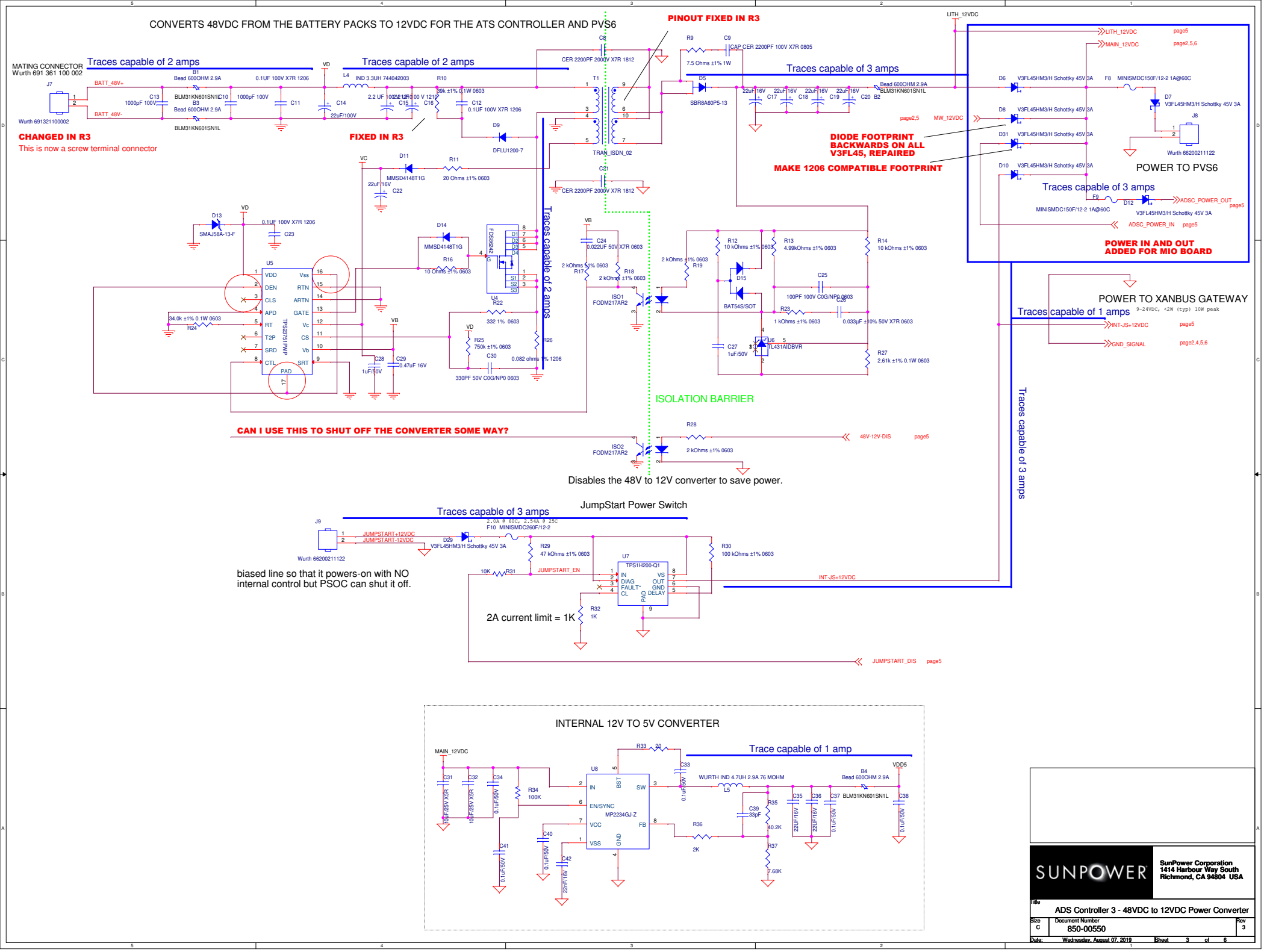
CONVERTS 48VDC FROM THE BATTERY PACKS TO 12VDC FOR THE ATS CONTROLLER AND PVS6
PINOUT FIXED IN R3
MATING CONNECTOR
Wurth 691 361 100 002
Traces capable of 2 amps
Traces capable of 2 amps
Traces capable of 3 amps
CHANGED IN R3
This is now a screw terminal connector
FIXED IN R3
DIODE FOOTPRINT BACKWARDS ON ALL V3FL45, REPAIRED
MAKE 1206 COMPATIBLE FOOTPRINT
POWER TO PVS6
Traces capable of 3 amps
POWER IN AND OUT ADDED FOR MIO BOARD
POWER TO XANBUS GATEWAY
Traces capable of 1 amps
ISOLATION BARRIER
CAN I USE THIS TO SHUT OFF THE CONVERTER SOME WAY?
Disables the 48V to 12V converter to save power.
Traces capable of 3 amps
JumpStart Power Switch
Traces capable of 3 amps
biased line so that it powers-on with NO internal control but PSOC can shut it off.
2A current limit = 1K
INTERNAL 12V TO 5V CONVERTER
Trace capable of 1 amp
SunPower Corporation
1414 Harbour Way South
Richmond, CA 94804 USA
Title
ADS Controller 3 - 48VDC to 12VDC Power Converter
Size C
Document Number 850-00550
Rev 3
Date: Wednesday, August 07, 2019
Sheet 3 of 6