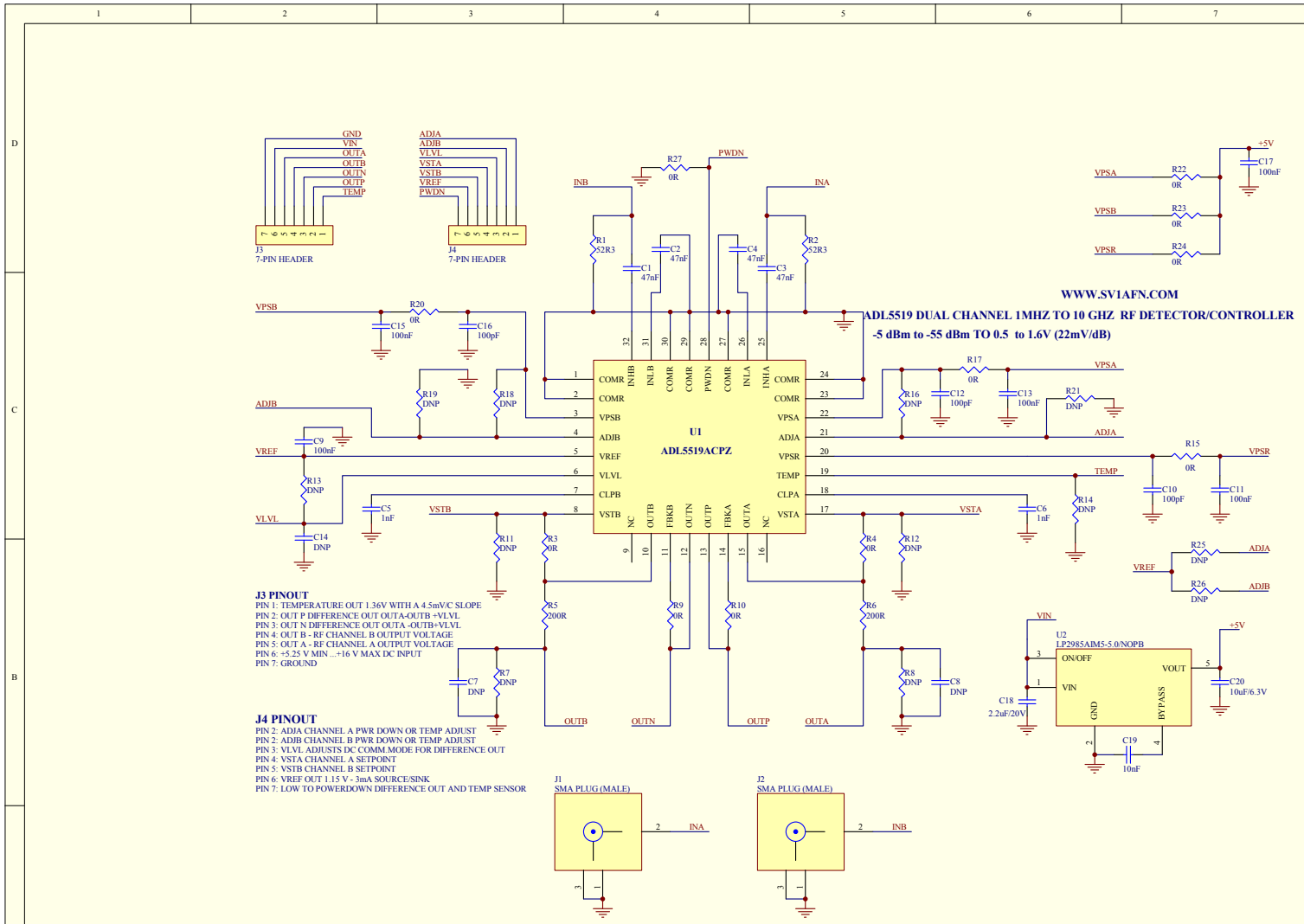
WWW.SV1AFN.COM
ADL5519 DUAL CHANNEL 1MHZ TO 10 GHZ RF DETECTOR/CONTROLLER
-5 dBm to -55 dBm TO 0.5 to 1.6V (22mV/dB)
U1
ADL5519ACPZ
J3 PINOUT
PIN 1: TEMPERATURE OUT 1.36V WITH A 4.5mV/C SLOPE
PIN 2: OUT P DIFFERENCE OUT OUTA-OUTB +VLVL
PIN 3: OUT N DIFFERENCE OUT OUTA -OUTB+VLVL
PIN 4: OUT B - RF CHANNEL B OUTPUT VOLTAGE
PIN 5: OUT A - RF CHANNEL A OUTPUT VOLTAGE
PIN 6: +5.25 V MIN ...+16 V MAX DC INPUT
PIN 7: GROUND
J4 PINOUT
PIN 2: ADJA CHANNEL A PWR DOWN OR TEMP ADJUST
PIN 2: ADJB CHANNEL B PWR DOWN OR TEMP ADJUST
PIN 3: VLVL ADJUSTS DC COMM.MODE FOR DIFFERENCE OUT
PIN 4: VSTA CHANNEL A SETPOINT
PIN 5: VSTB CHANNEL B SETPOINT
PIN 6: VREF OUT 1.15 V - 3mA SOURCE/SINK
PIN 7: LOW TO POWERDOWN DIFFERENCE OUT AND TEMP SENSOR
J3 7-PIN HEADER
J4 7-PIN HEADER
J1 SMA PLUG (MALE)
J2 SMA PLUG (MALE)
U2 LP2985AIM5-5.0/NOPB