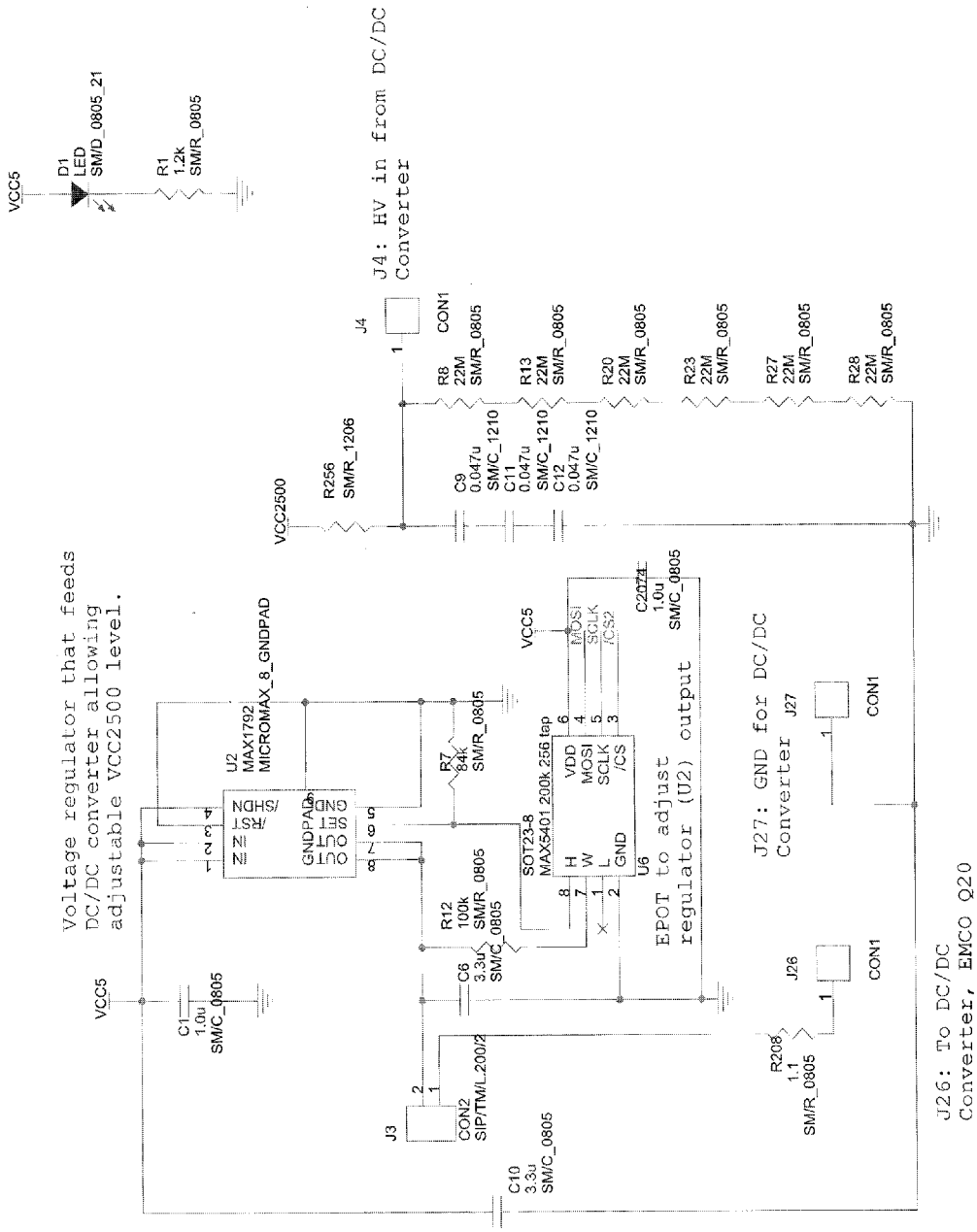
Fig. 4b


Voltage regulator that feeds DC/DC converter allowing adjustable VCC2500 level.
J4: HV in from DC/DC Converter
EPOT to adjust regulator (U2) output
J27: GND for DC/DC Converter
J26: To DC/DC Converter, EMCO Q20
VCC5
D1 LED SM/D_0805_21
R1 1.2k SM/R_0805
J4 CON1
R8 22M SM/R_0805
R13 22M SM/R_0805
R20 22M SM/R_0805
R23 22M SM/R_0805
R27 22M SM/R_0805
R28 22M SM/R_0805
VCC2500
R256 SM/R_1206
C9 0.047u SM/C_1210
C11 0.047u SM/C_1210
C12 0.047u SM/C_1210
U2 MAX1792 MICROMAX_8_GNDPAD
IN /RST /SHDN
OUT GNDPAD
SET GND
R7 84k SM/R_0805
R12 100k SM/R_0805
C6 3.3u SM/C_0805
SOT23-8 MAX5401 200k 256 tap
VDD MOSI SCLK /CS
H W L GND
U6
C2074 1.0u SM/C_0805
J27 CON1
J26 CON1
R208 1.1 SM/R_0805
C1 1.0u SM/C_0805
J3 CON2 SIP/TM/L200/2
C10 3.3u SM/C_0805