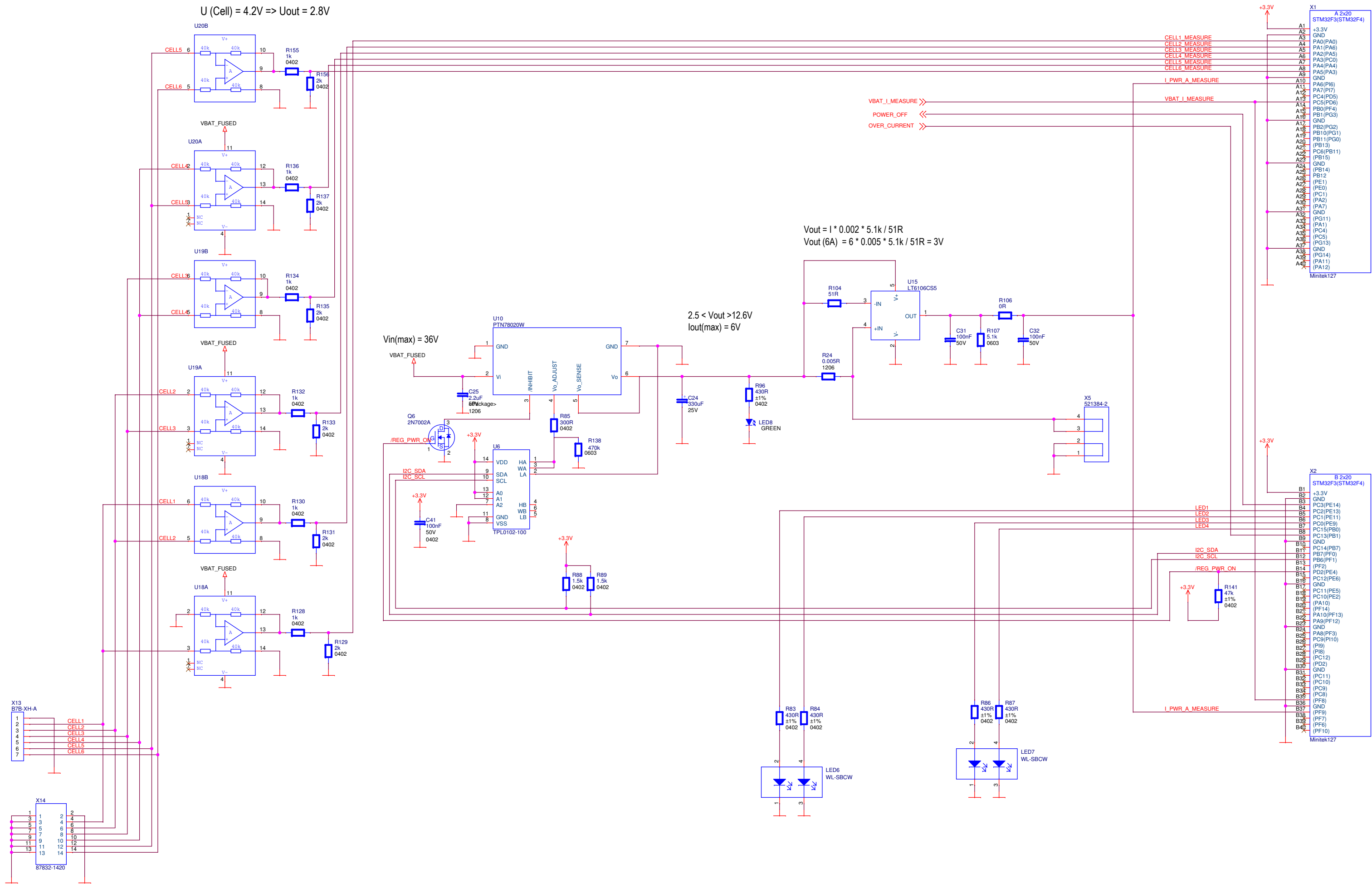
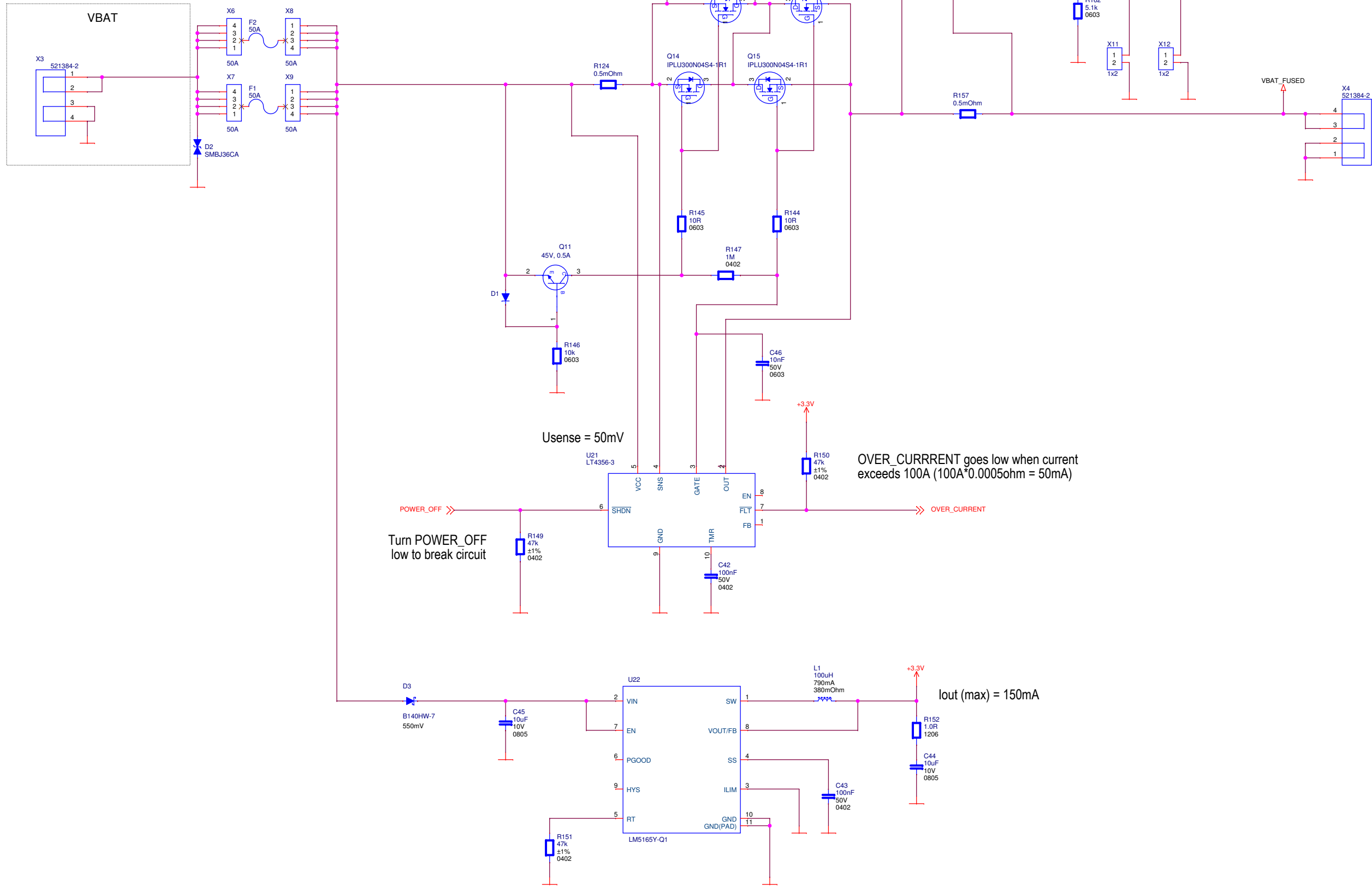


G = 1
U (Cell) = 4.2V => Uout = 2.8V



Vin(max) = 28V
(6 CELLS)

2 X FUSE (50A)
PART NUMBER: 0498050



$$V_{out} = I * 0.0005 * G$$

X11	X12	GAIN
OFF	OFF	200
ON	OFF	100
ON	ON	50

$$V_{out} = I * 0.0005 * R / 51R$$
$$V_{out} (50A) = 50 * 0.0005 * 2.55k / 51R = 3V$$

Turn POWER_OFF
low to break circuit

Usense = 50mV

OVER_CURRENT goes low when current
exceeds 100A (100A*0.0005ohm = 50mA)

lout (max) = 150mA