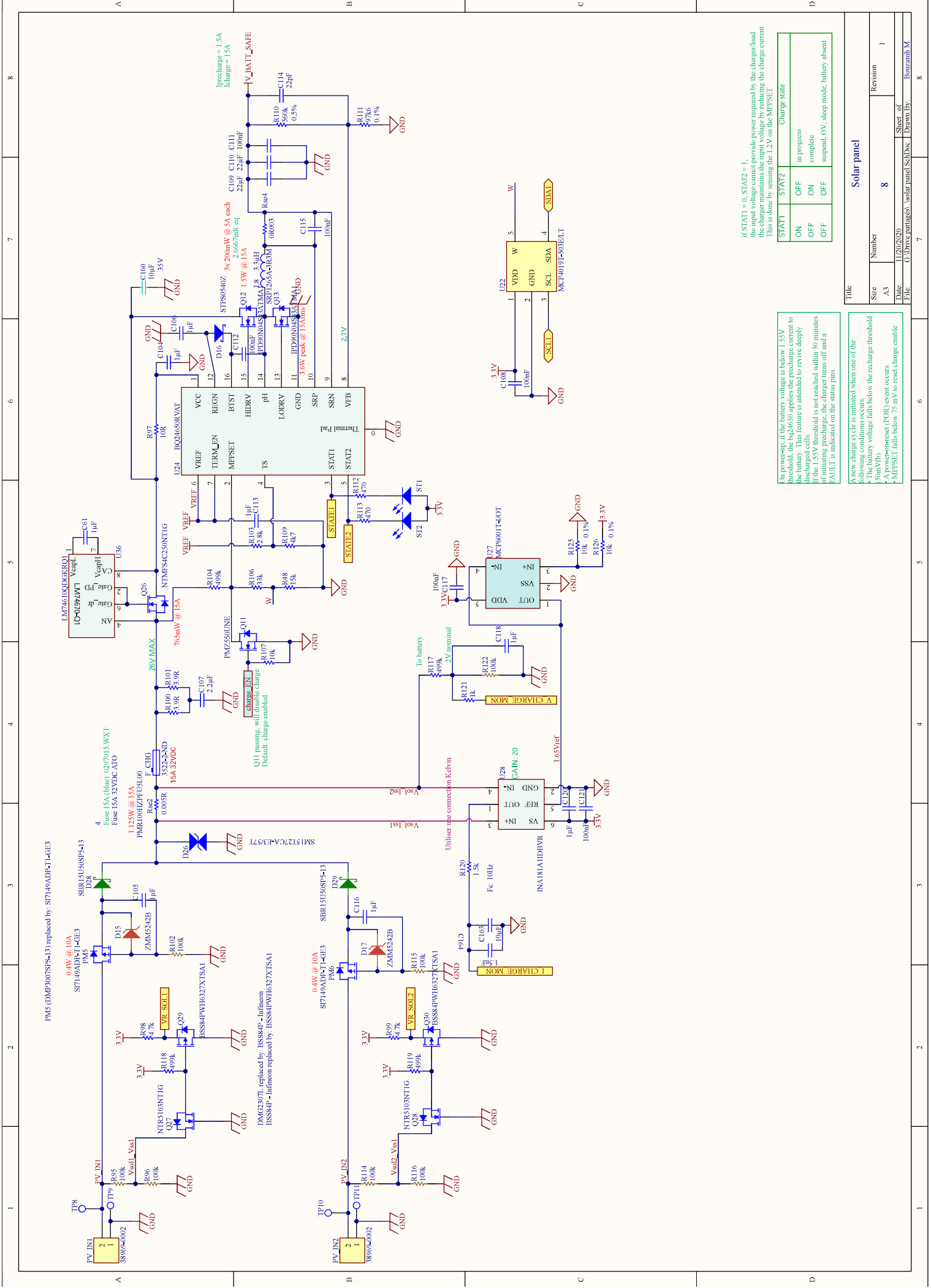




if STAT1 = 0, STAT2 = 1,
the input voltage cannot provide power required by the charger/load
the charger maintains the input voltage by reducing the charge current
This is done by setting the 1.2 V on the NTF5420

Charge state		
STAT1	STAT2	Charge state
ON	OFF	in progress
OFF	ON	complete
OFF	OFF	suspend, OV, sleep mode, battery absent

In power-up, if the battery voltage is below 1.55V
the b2420/0 applies the precharge current to
the battery. This feature is intended to revive deeply
discharged cells.
If the 1.55V threshold is not reached within 30 minutes
of initiating precharge, the charger turns off and a
FAULT is indicated on the status pins

A new charge cycle is initiated when one of the
following conditions occurs:
The battery voltage falls below the recharge threshold
(1.55V).
A timeout occurs (POR) event occurs.
A MPSET1 falls below 75 mV to reset charge enable

Solar panel		
Title	Size	Revision
	A3	8
Date	11/20/2020	Sheet of
File	G:\bmc\parag\ch_solar panel SchDoc	Drawn By: Houran M