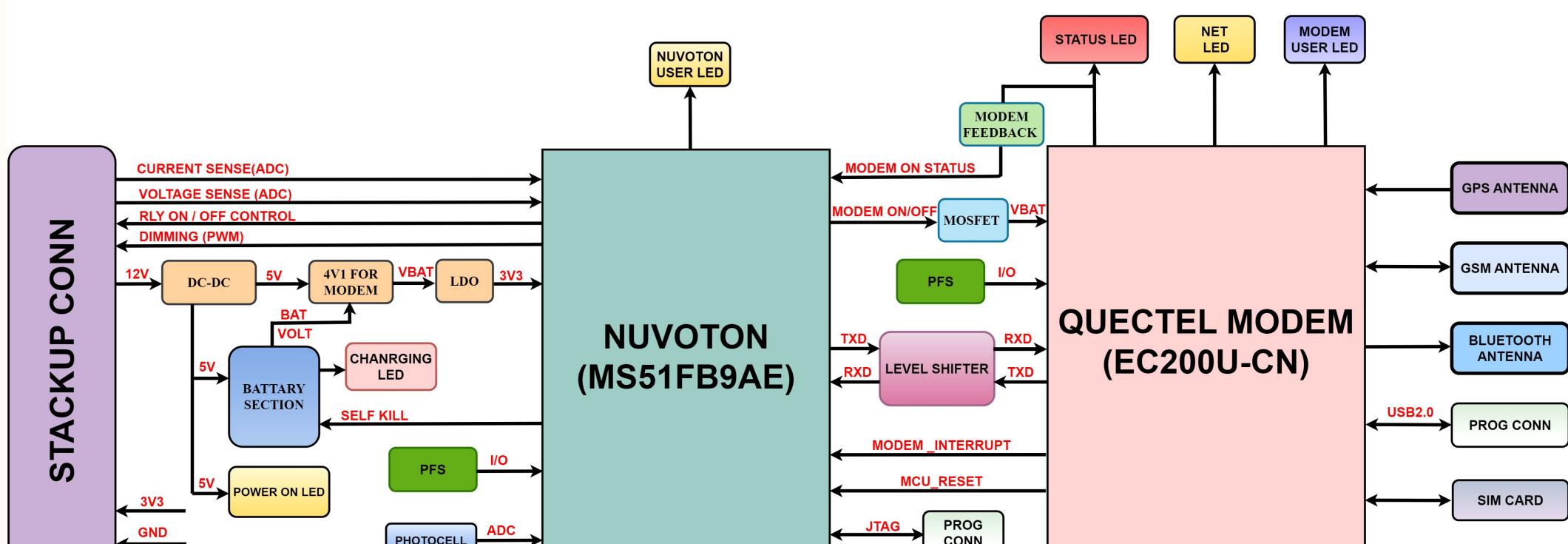


ILM - 4G BLOCK DIAGRAM



SCHNELL ENERGY EQUIPMENTS PVT. LTD

PROJECT NAME: ILM-4G

SHEET NAME: BLOCK DIAGRAM

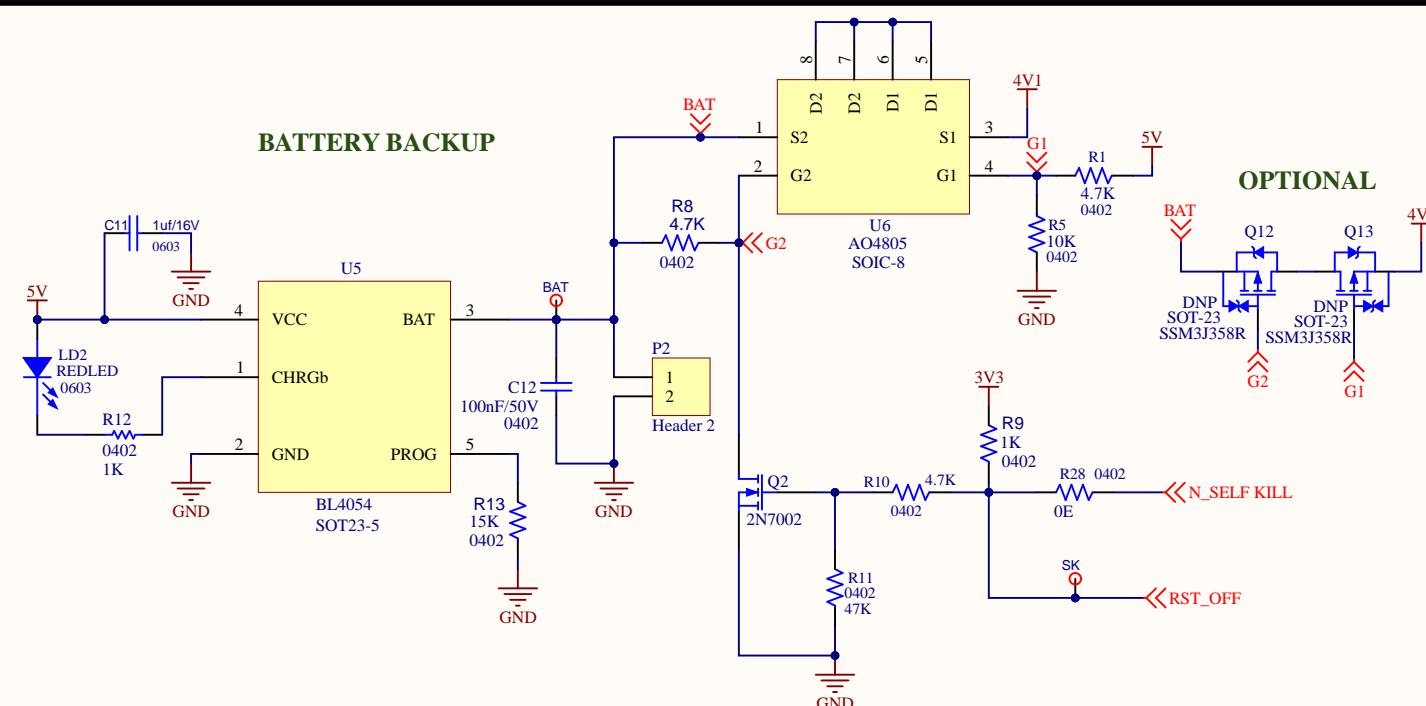
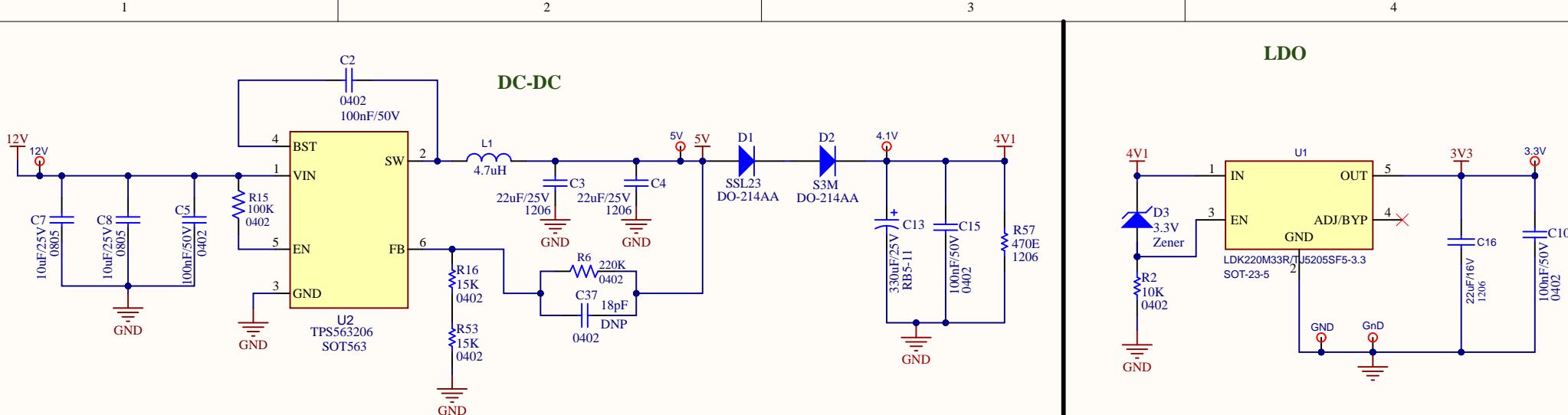
DESIGNED BY: S.LAVANYA

DATE: 27-12-2023

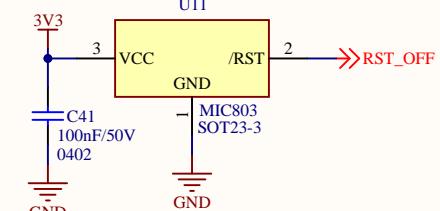
SHEET NO: 1|6

APPROVED BY: A.VENGATESH

REVISION: 02



VOLTAGE SUPERVISOR



SCHNELL ENERGY EQUIPMENTS PVT. LTD

PROJECT NAME: ILM-4G

SHEET NAME: LDO AND BATTERY SECTION

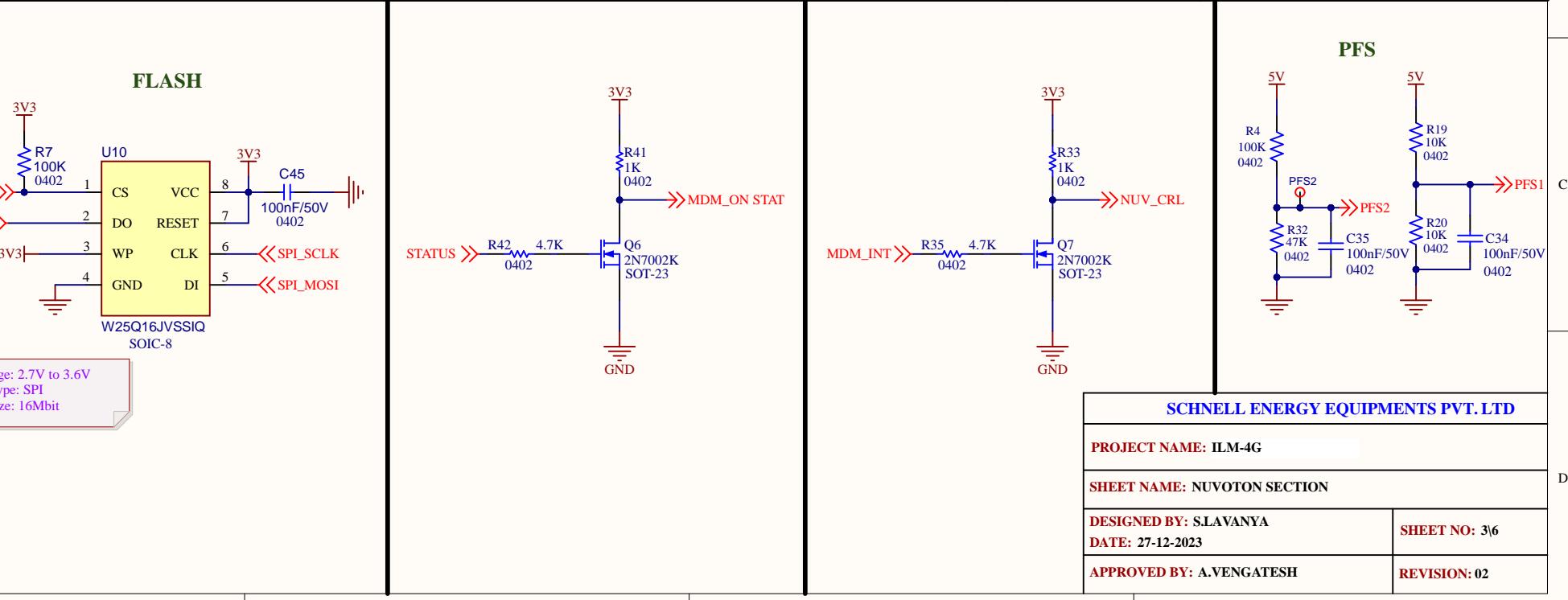
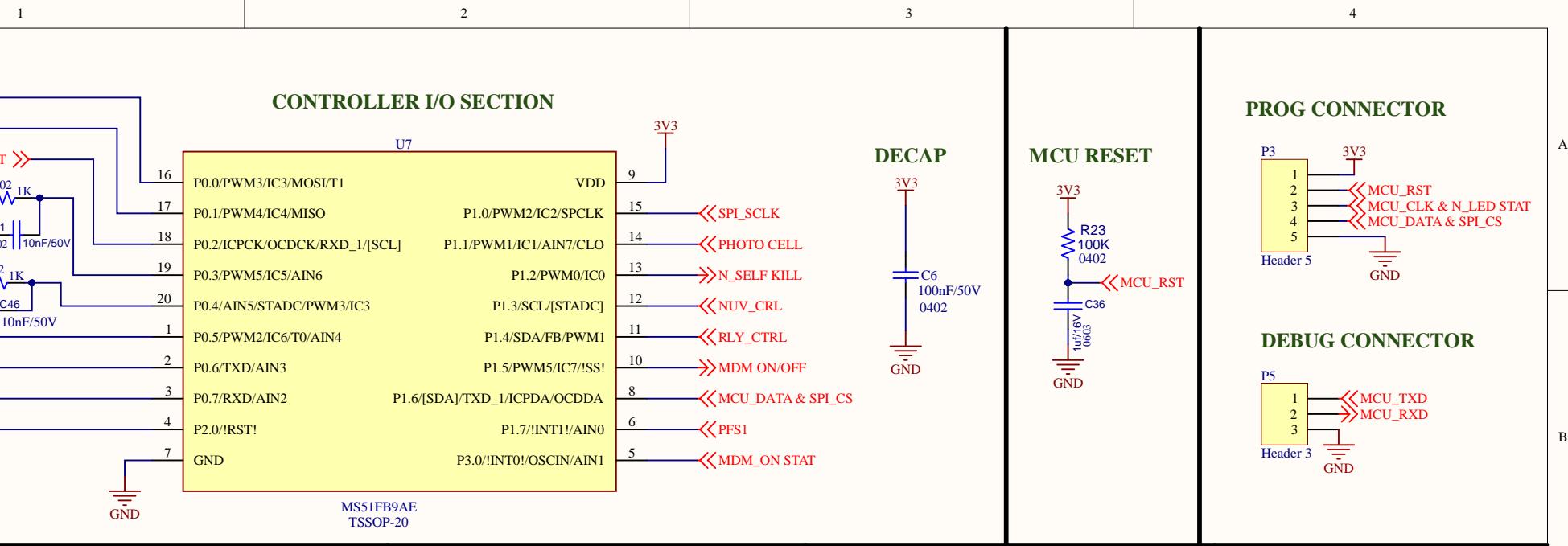
DESIGNED BY: S.LAVANYA

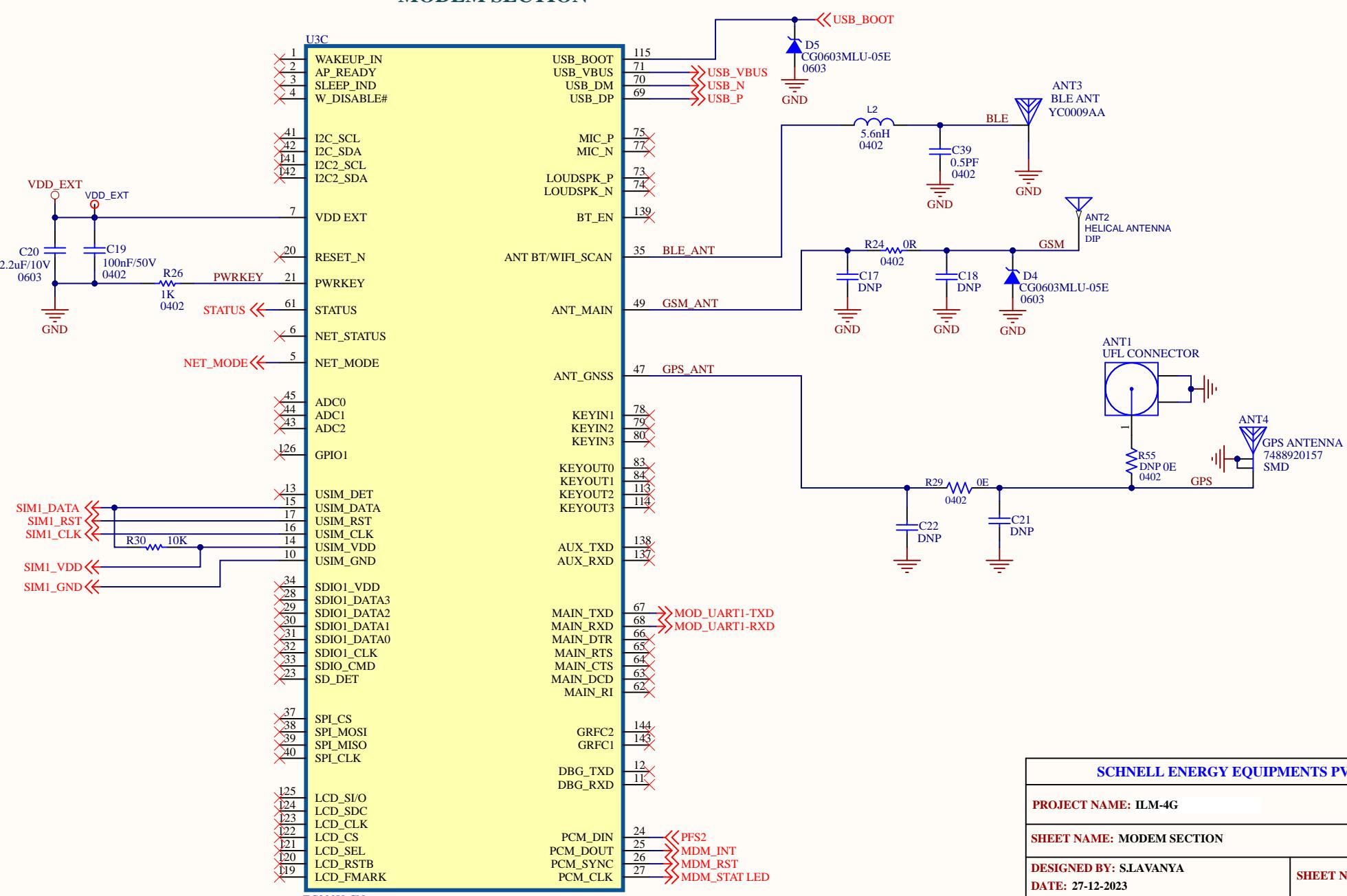
DATE: 27-12-2023

SHEET NO: 3\6

APPROVED BY: A VENKATESH

REVISION: 03





SCHNELL ENERGY EQUIPMENTS PVT. LTD

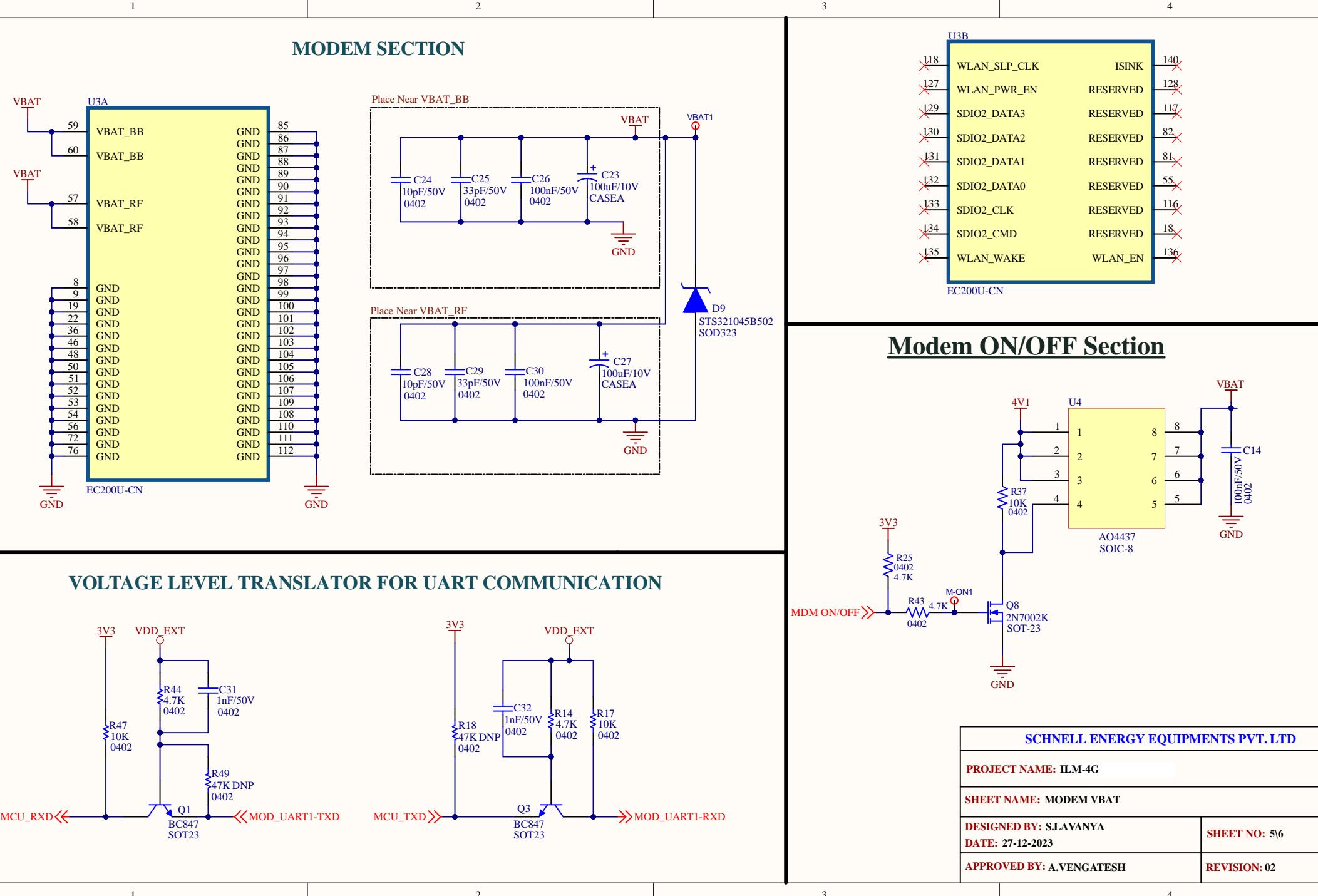
PROJECT NAME: ILM-4G

SHEET NAME: MODEM SECTION

DESIGNED BY: SLAVANYA
DATE: 27-12-2023

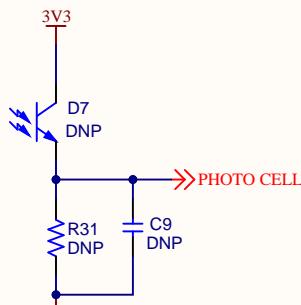
SHEET NO: 4\6

REVISION: 02



1 2 3 4

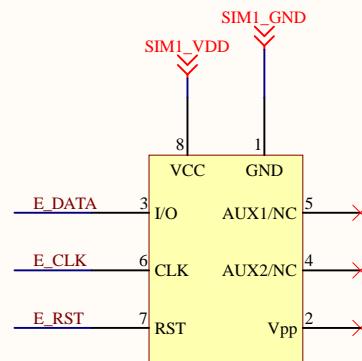
PHOTO CELL



Part No: OP535A
Manufacturer: TTK Elektronik
Wavelength: 850nm
Power dissipation: 75mW
Operating Temperature: -40°C to +85°C

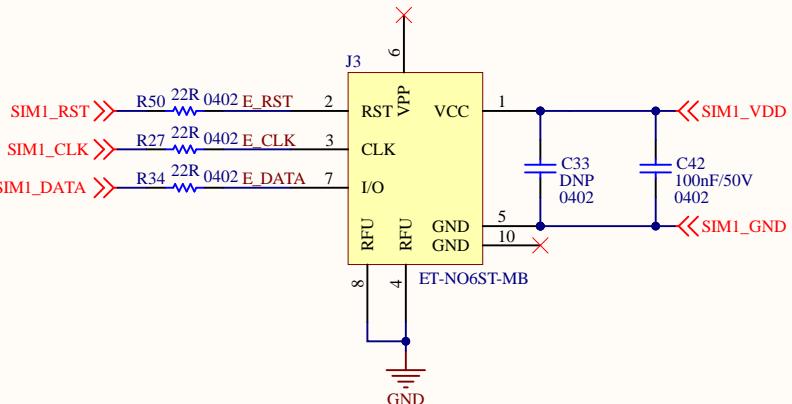
A

ESIM SECTION



B

SIM CARD SECTION

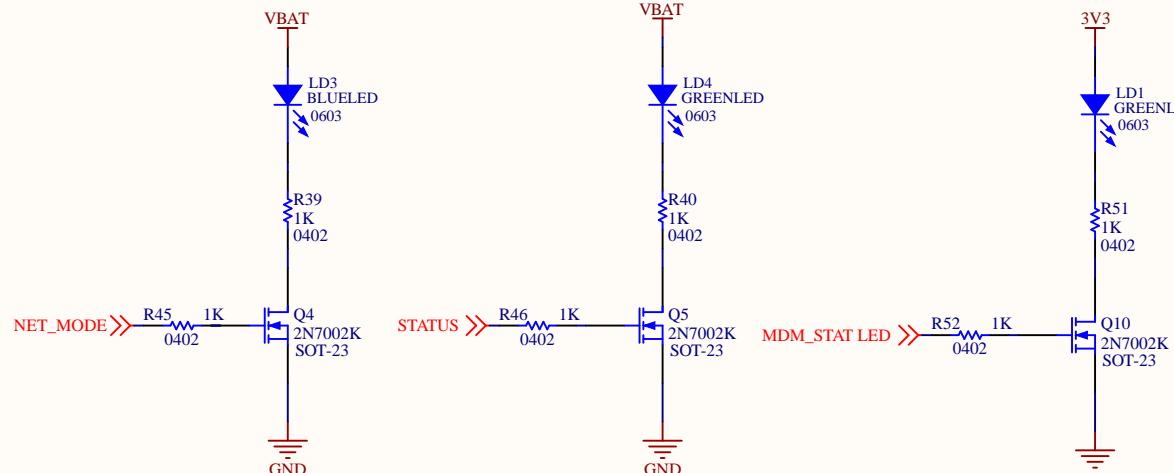


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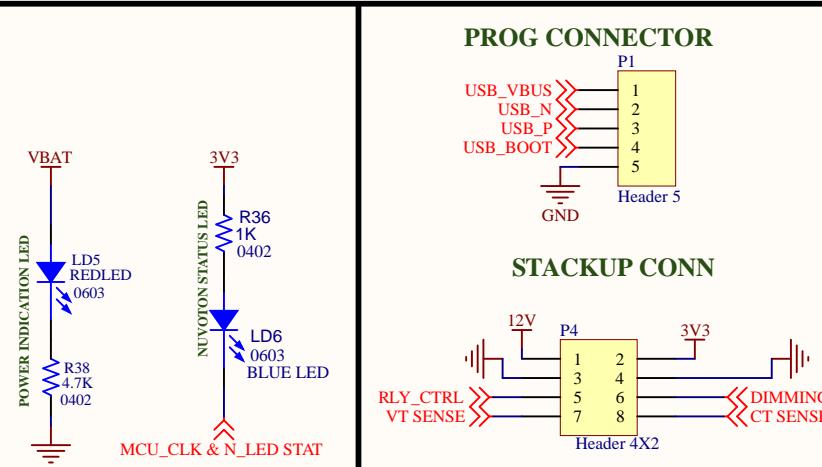
B

1 2 3 4

INDICATION LED's SECTION

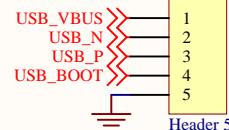


C



C

PROG CONNECTOR



STACKUP CONN

SCHNELL ENERGY EQUIPMENTS PVT. LTD	
PROJECT NAME: ILM-4G	
SHEET NAME: SIM AND LED'S SECTION	
DESIGNED BY: S.LAVANYA	SHEET NO: 6/6
DATE: 27-12-2023	
APPROVED BY: A.VENGATESH	REVISION: 02

D

1 2 3 4