COVER PAGE

POWR320D

LING

2021.12.10

NOTE

TITLE: COVER PAGE	DATE: 2021.12.10
ENGINEER: LING	PAGE: 1 OF 6

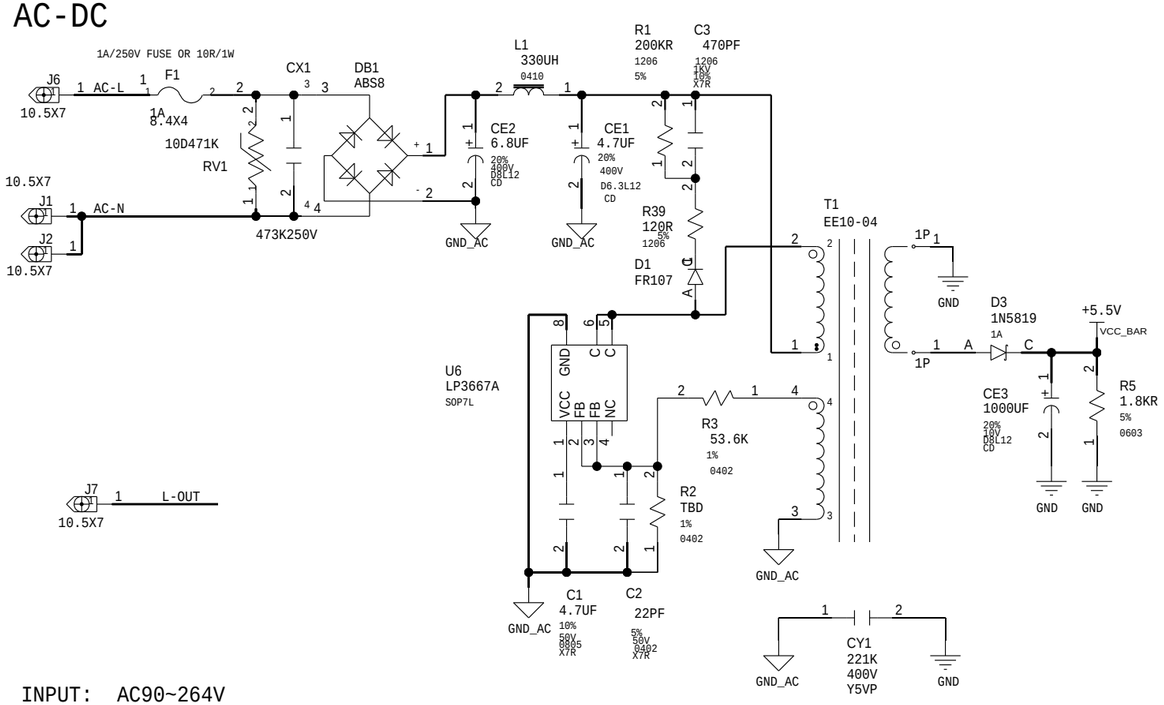
CONTENTS

TITLE: CONTENTS	DATE: 2021.12.10
ENGINEER: LING	PAGE: 2 OF 6

VERSION	MODIFICATION DETAILS	DESIGNER	DATE
V1.0	FIRST EDITION	LING	2021.12.10

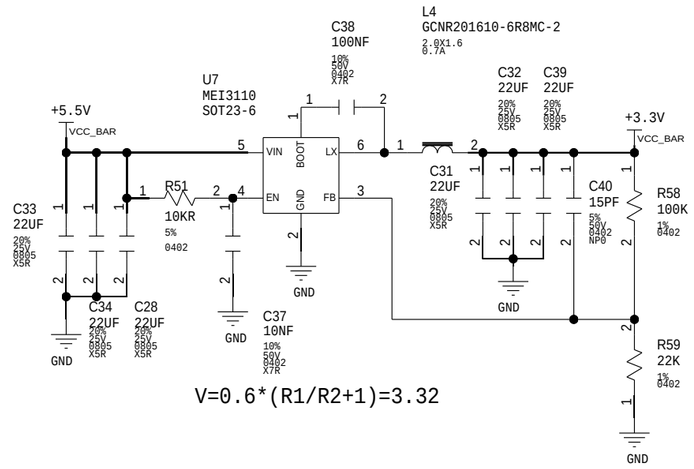
TITLE: MODIFICATION LIST	DATE: 2021.12.10
ENGINEER: LING	PAGE: 3 OF 6

AC-DC



INPUT: AC90~264V
OUTPUT: DC5.5V/0.6A MAX

DC-DC 5.5V TO 3V3

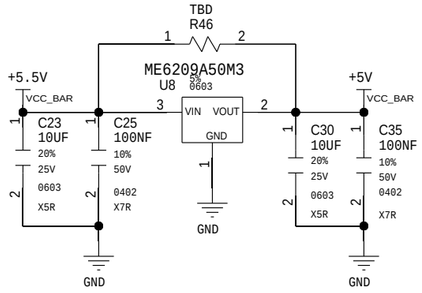


V=0.6*(R1/R2+1)=3.32

OUTPUT: DC3V3/0.5A MAX

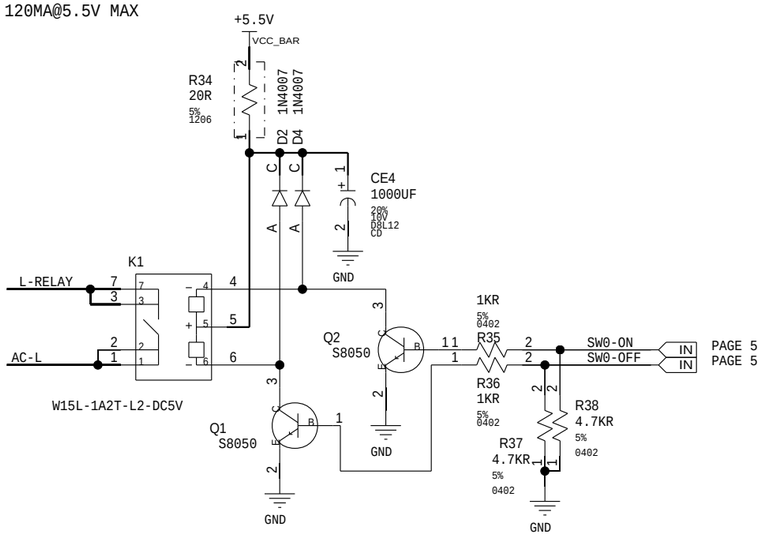
SUPPLY FOR CSE7759B

CURRENT = 5MA@5V MAX



RELAY OUTPUT(20A)

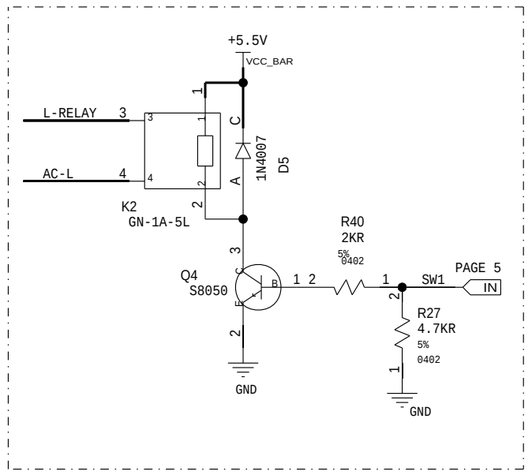
CURRENT = 120MA@5.5V MAX



SUPPORT FOR 20A MODEL

RELAY OUTPUT(16A) (BOM NC)

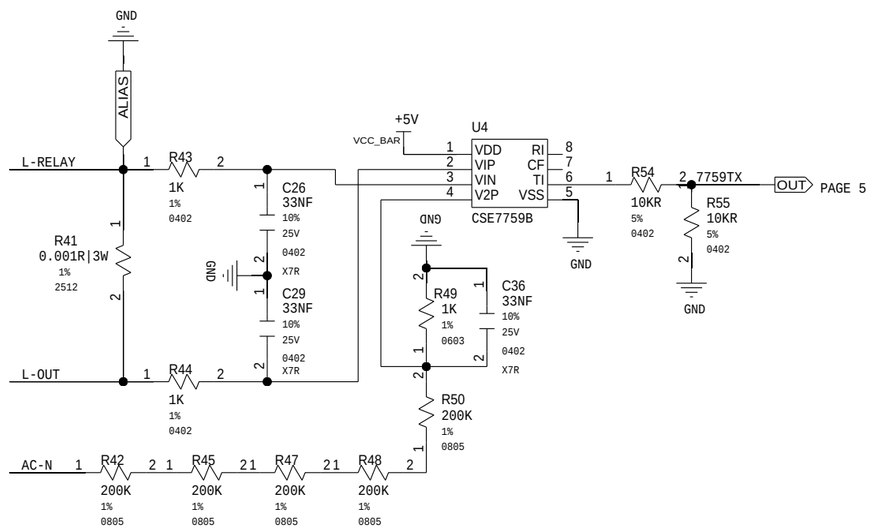
CURRENT = 40MA@5.5V MAX



SUPPORT FOR 16A MODEL

ELECTRIC ENERGY METERING

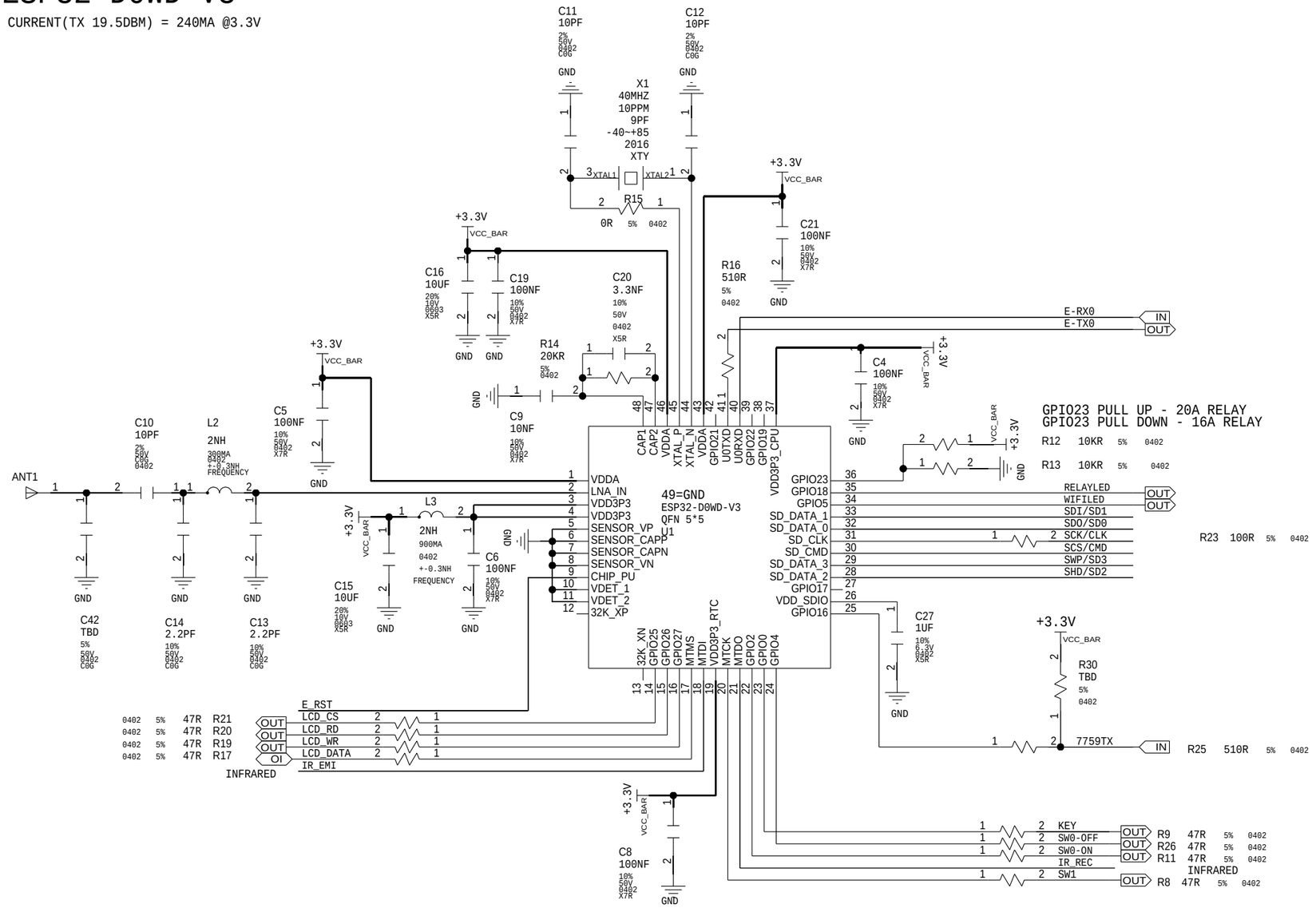
CURRENT = 5MA@5V MAX



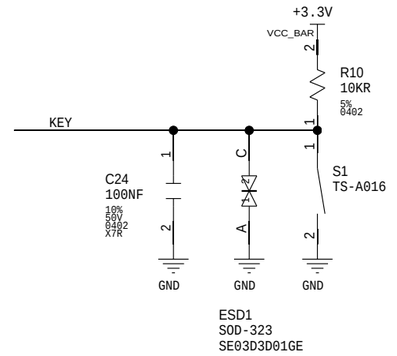
TITLE: AC-DC&OUTPUT	DATE: 2021.12.10
ENGINEER: LING	PAGE: 4 OF 6

ESP32-D0WD-V3

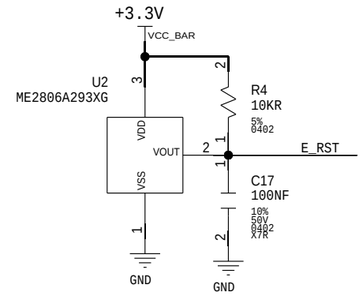
CURRENT(TX 19.5DBM) = 240MA @3.3V



KEY

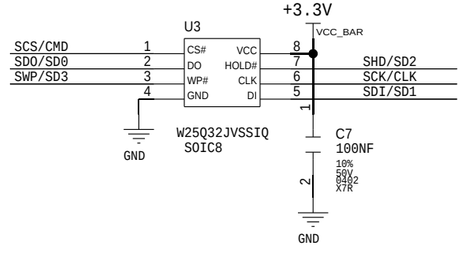


RST



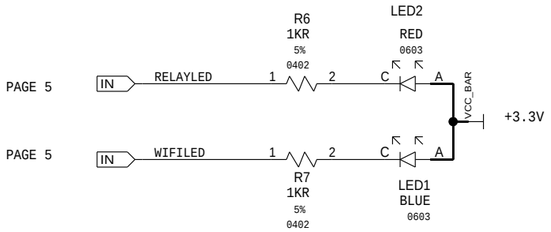
SPI FLASH

CURRENT = 25MA @3.3V MAX

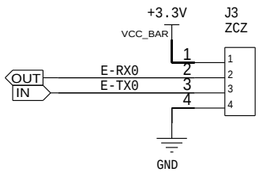


TITLE: ESP32	DATE: 2021.12.10
ENGINEER: LING	PAGE: 5 OF 6

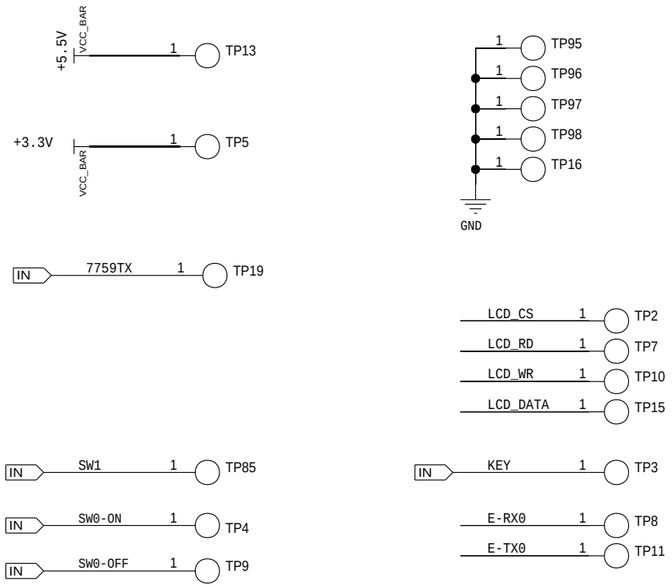
LED



ISP

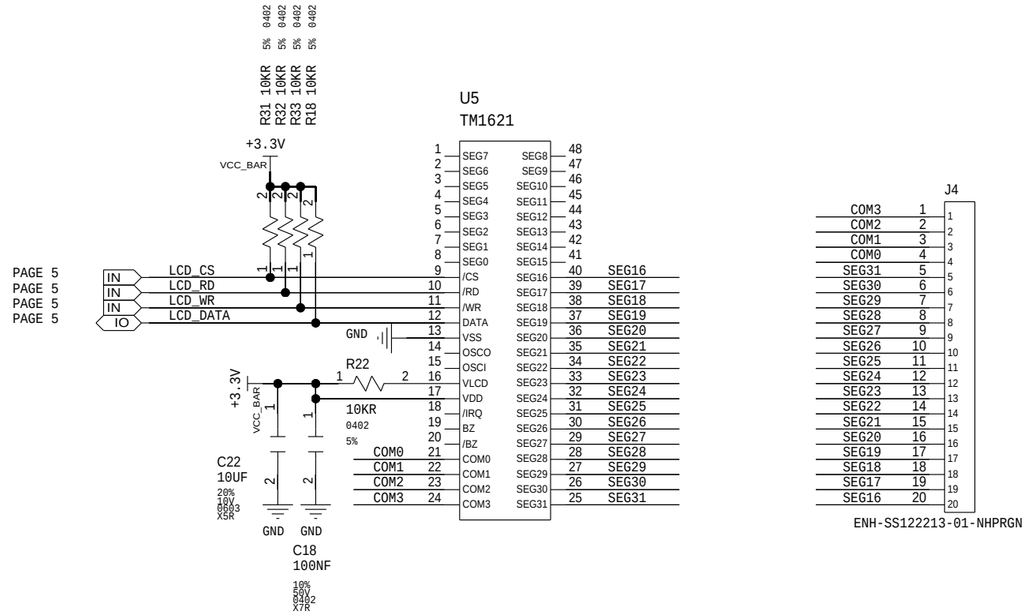


TEST POINT



LCD

CURRENT = 3MA @3.3V MAX



TITLE: DISPLAY & TEST POINT	DATE: 2021.12.10
ENGINEER: LING	PAGE: 6 OF 6