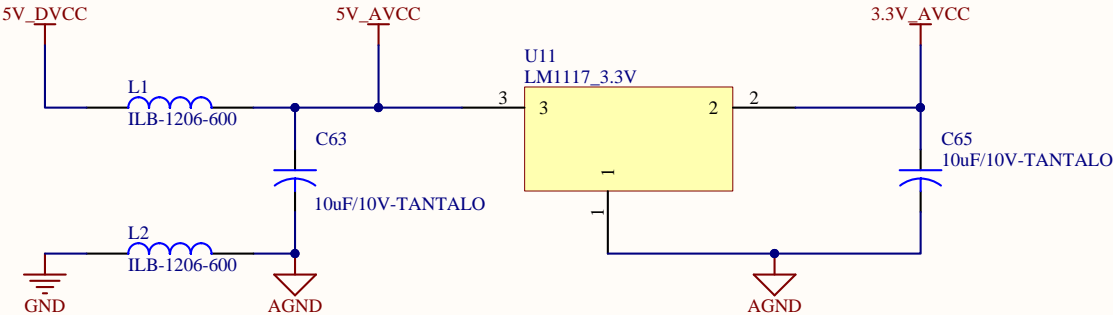
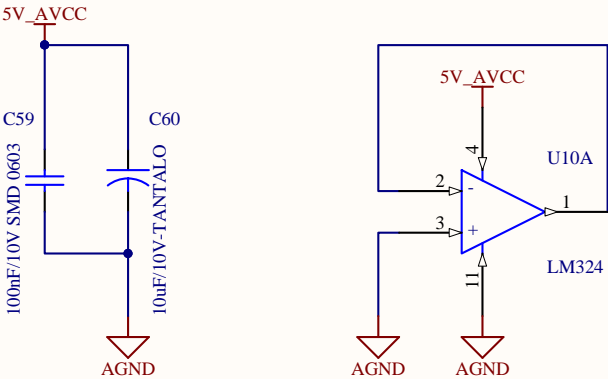
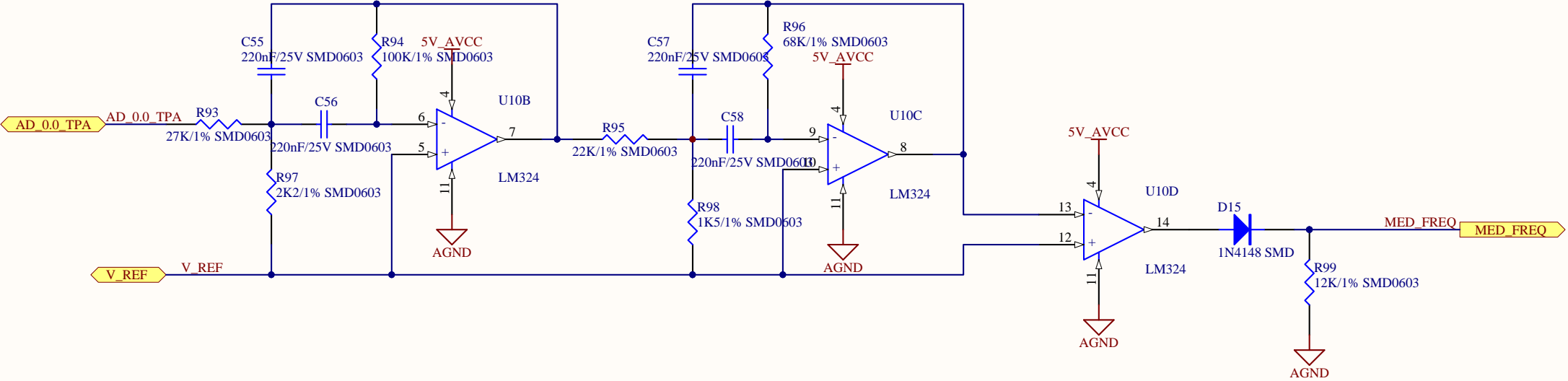


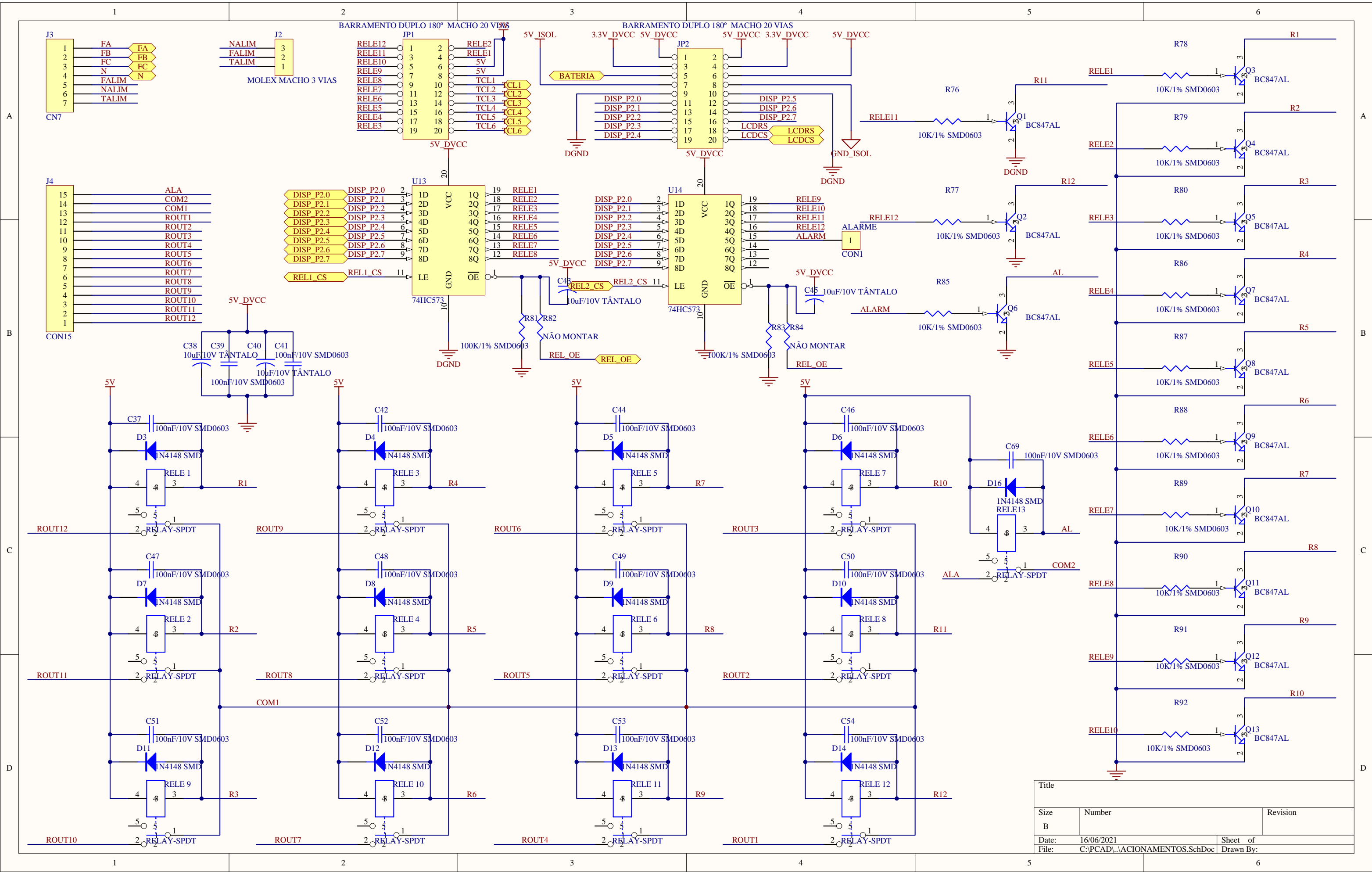
CM4040 FONTE 3V3 AVCC



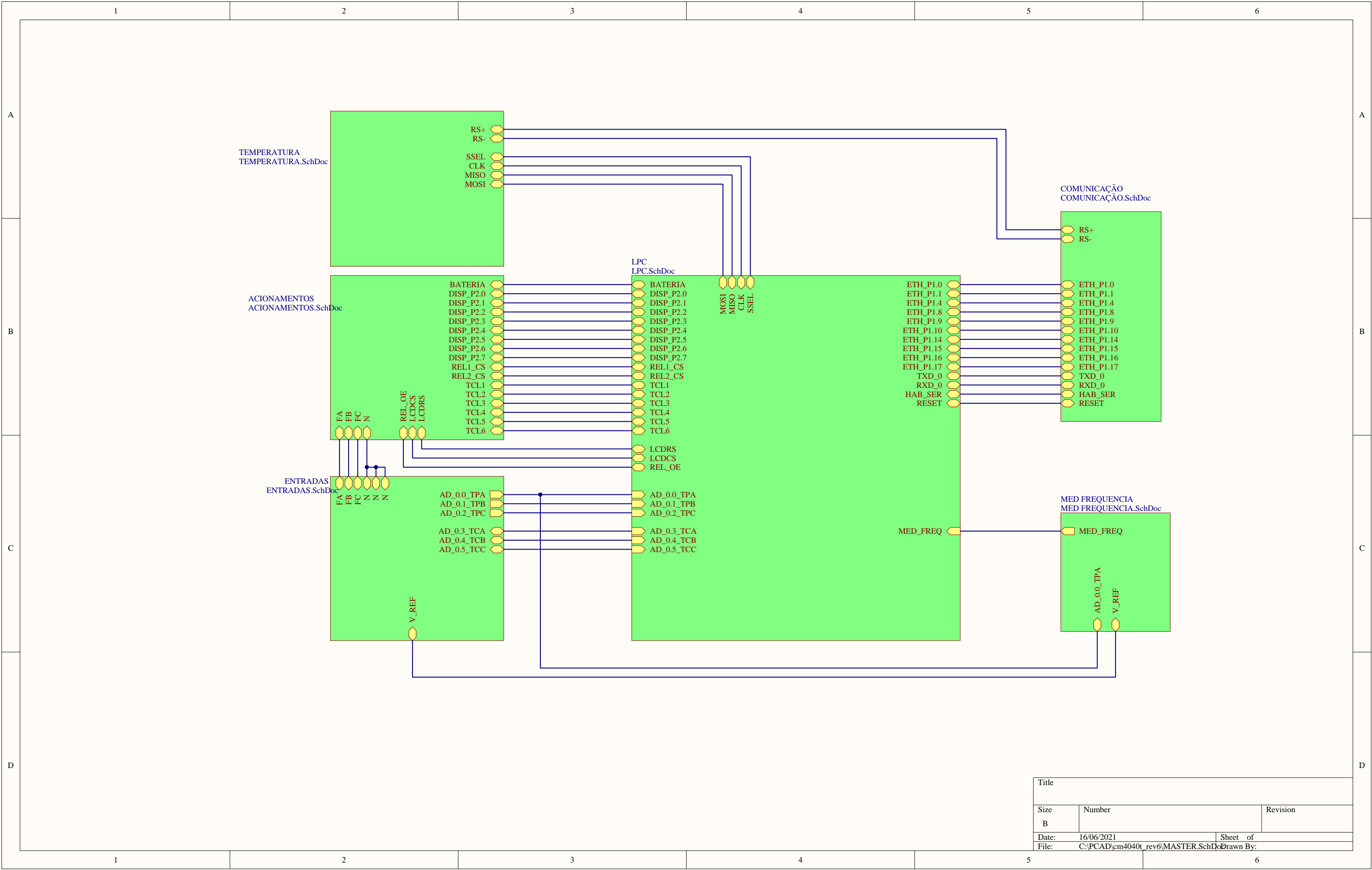
CM4040 MEDIÇÃO DE FREQUENCIA



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MICROCONTROLADOR

U1

DISP_P2.0	DISP_P2.0	75
DISP_P2.1	DISP_P2.1	74
DISP_P2.2	DISP_P2.2	73
DISP_P2.3	DISP_P2.3	70
DISP_P2.4	DISP_P2.4	69
DISP_P2.5	DISP_P2.5	68
DISP_P2.6	DISP_P2.6	67
DISP_P2.7	DISP_P2.7	66

ISP	65
PWD	64
	53
	52
	51
	50

RESET	17
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P2.0/PWM1.1/TXD1/TRACECLK	
P2.1/PWM1.2/RXD1/PIPESTAT0	
P2.2/PWM1.3/CTS1/PIPESTAT1	
P2.3/PWM1.4/DCD1/PIPESTAT2	
P2.4/PWM1.5/DSR1/TRACESYNC	
P2.5/PWM1.6/DTR1/TRACEPKT0	
P2.6/PCAP1.0/R11/TRACEPKT1	
P2.7/RD2/RTS1/TRACEPKT2	
P2.8/TD2/TXD2/TRACEPKT3	
P2.9/U1CONNECT/RXD2/EXTIN0	
P2.10/EINT0	
P2.11/EINT1/MCIDAT1/I2STX_CLK	
P2.12/EINT2/MCIDAT2/I2STX_WS	
P2.13/EINT3/MCIDAT3/I2STX_SDA	

P3.25/MAT0.0/PWM1.2	
P3.26/MAT0.1/PWM1.3	
P4.28/MAT2.0/TXD3	
P4.29/MAT2.1/RXD3	

RESET	17
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RSTOUT	14
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TDO	1
TDI	2
TMS	3
TRST	4
TCK	5
RTCK	100

VDCDC	13
VDCDC1	42
VDCDC2	84

VSS	15
VSS1	31
VSS2	41
VSS3	55
VSS4	72
VSS5	97
VSS6	83

VSSA	11
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VDDA	10
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VDD(3.3V)	28
VDD1(3.3V)	54
VDD2(3.3V)	71
VDD3(3.3V)	96

VREF	12
VBAT	19

RTXC1	16
RTXC2	18

XTAL1	22
XTAL2	23

LPC2387

P0.0/TXD3/RD1/SDA1	
P0.1/RXD3/TD1/SCL1	
P0.2/TXD0	
P0.3/RXD0	
P0.4/I2SRX_CLK/RD2/CAP2.0	
P0.5/I2SRX_WS/TD2/CAP2.1	
P0.6/I2SRX_SDA/SSEL1/MAT2.0	
P0.7/I2STX_CLK/SCK1/MAT2.1	

P0.8/I2STX_WS/MISO1/MAT2.2	
P0.9/I2STX_SDA/MOSI1/MAT2.3	
P0.10/TXD2/SDA2/MAT3.0	
P0.11/RXD2/SCL2/MAT3.1	

P0.15/TXD1/SCK0/SCK	
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P0.16/RXD1/SSEL0/SSEL	
P0.17/CTS1/MISO0/MISO	
P0.18/DCD1/MOSI0/MOSI	
P0.19/DSR1/MCICLK/SDA1	
P0.20/DTR1/MCICMD/SCL1	
P0.21/R11/NCIOWR/RD1	
P0.22/RTS1/MCIDAT0/TD1	
P0.23/ADO.0/I2SRX_CLK/CAP3.0	

P0.24/AD0.1/I2SRX_WS/CAP3.1	
P0.25/AD0.2/I2SRX_SDA/TXD3	
P0.26/AD0.3/AOUT/RXD3	

P0.27/SDA0	
P0.28/SCL0	
P0.29/U1D+	
P0.30/U1D-	

P1.31/SCK1/AD0.5	
P1.30/VBUS/AD0.4	
P1.29/PCAP1.1/MAT0.1	
P1.28/PCAP1.0/MAT0.0	
P1.27/CAP0.1	
P1.26/PWM1.6/CAP0.0	
P1.25/MAT1.1	
P1.24/PWM1.5/MOSI0	

P1.23/PWM1.4/MISO0	
P1.22/MAT1.0	
P1.21/PWM1.3/SSEL0	
P1.20/PWM1.2/SCK0	
P1.19/CAP1.1	
P1.18/U1UP_LED/PWM1.1/CAP1.0	
P1.17/ENET_MDIO	
P1.16/ENET_MCD	

P1.15/ENET_REF_CLK	
P1.14/ENET_RX_ER	
P1.10/ENET_RXD1	
P1.9/ENET_RXD0	
P1.8/ENET CRS	
P1.4/ENET_TX_EN	
P1.1/ENET_TXD1	
P1.0/ENET_TXD0	

46	
47	
98	
99	
81	
80	
79	
78	

TXD_0	TXD_0
RXD_0	RXD_0
HAB_SER	HAB_SER
TCL1	TCL1
TCL2	TCL2
TCL3	TCL3

TCL4	TCL4
TCL5	TCL5
TCL6	TCL6

WDI	
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REL2_CS	REL2_CS
REL_OE	REL_OE
REL1_CS	REL1_CS
LCDCS	LCDCS
LCDRS	LCDRS

AD_0.0_TPA	AD_0.0_TPA
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AD_0.1_TPB	AD_0.1_TPB
AD_0.2_TPC	AD_0.2_TPC
AD_0.3_TCA	AD_0.3_TCA

AD_0.5_TCC	AD_0.5_TCC
AD_0.4_TCB	AD_0.4_TCB

MED_FREQ	MED_FREQ
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MOSI	MOSI
MISO	MISO
SSEL	SSEL
CLK	CLK

ETH_P1.17	ETH_P1.17
ETH_P1.16	ETH_P1.16

ETH_P1.15	ETH_P1.15
ETH_P1.14	ETH_P1.14
ETH_P1.10	ETH_P1.10
ETH_P1.9	ETH_P1.9
ETH_P1.8	ETH_P1.8
ETH_P1.4	ETH_P1.4
ETH_P1.1	ETH_P1.1
ETH_P1.0	ETH_P1.0

ETH_P1.17	ETH_P1.17
ETH_P1.16	ETH_P1.16

ETH_P1.15	ETH_P1.15
ETH_P1.14	ETH_P1.14
ETH_P1.10	ETH_P1.10
ETH_P1.9	ETH_P1.9
ETH_P1.8	ETH_P1.8
ETH_P1.4	ETH_P1.4
ETH_P1.1	ETH_P1.1
ETH_P1.0	ETH_P1.0

ETH_P1.17	ETH_P1.17
ETH_P1.16	ETH_P1.16

ETH_P1.15	ETH_P1.15
ETH_P1.14	ETH_P1.14
ETH_P1.10	ETH_P1.10
ETH_P1.9	ETH_P1.9
ETH_P1.8	ETH_P1.8
ETH_P1.4	ETH_P1.4
ETH_P1.1	ETH_P1.1
ETH_P1.0	ETH_P1.0

ETH_P1.17	ETH_P1.17
ETH_P1.16	ETH_P1.16

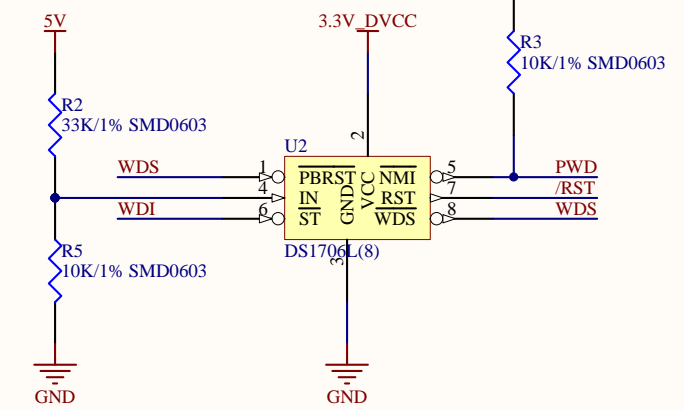
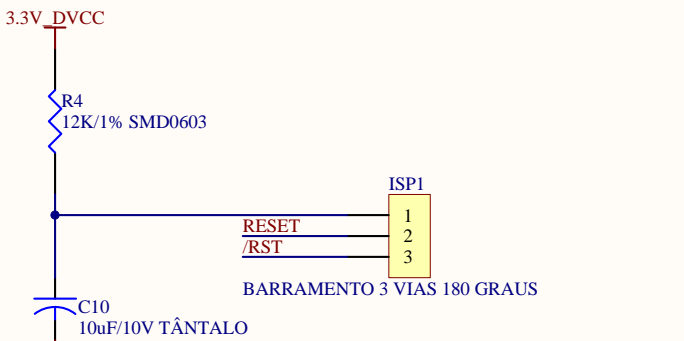
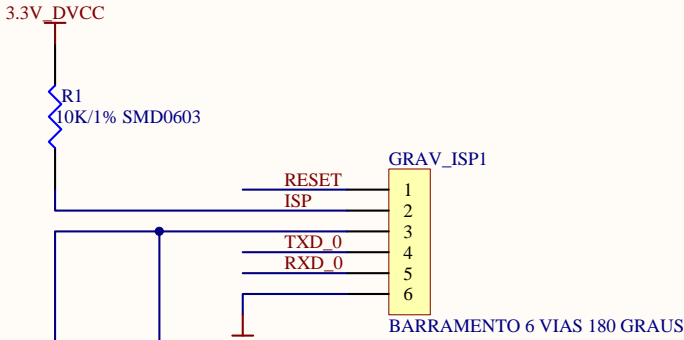
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ETH_P1.14	ETH_P1.14
ETH_P1.10	ETH_P1.10
ETH_P1.9	ETH_P1.9
ETH_P1.8	ETH_P1.8
ETH_P1.4	ETH_P1.4
ETH_P1.1	ETH_P1.1
ETH_P1.0	ETH_P1.0

ETH_P1.17	ETH_P1.17
ETH_P1.16	ETH_P1.16

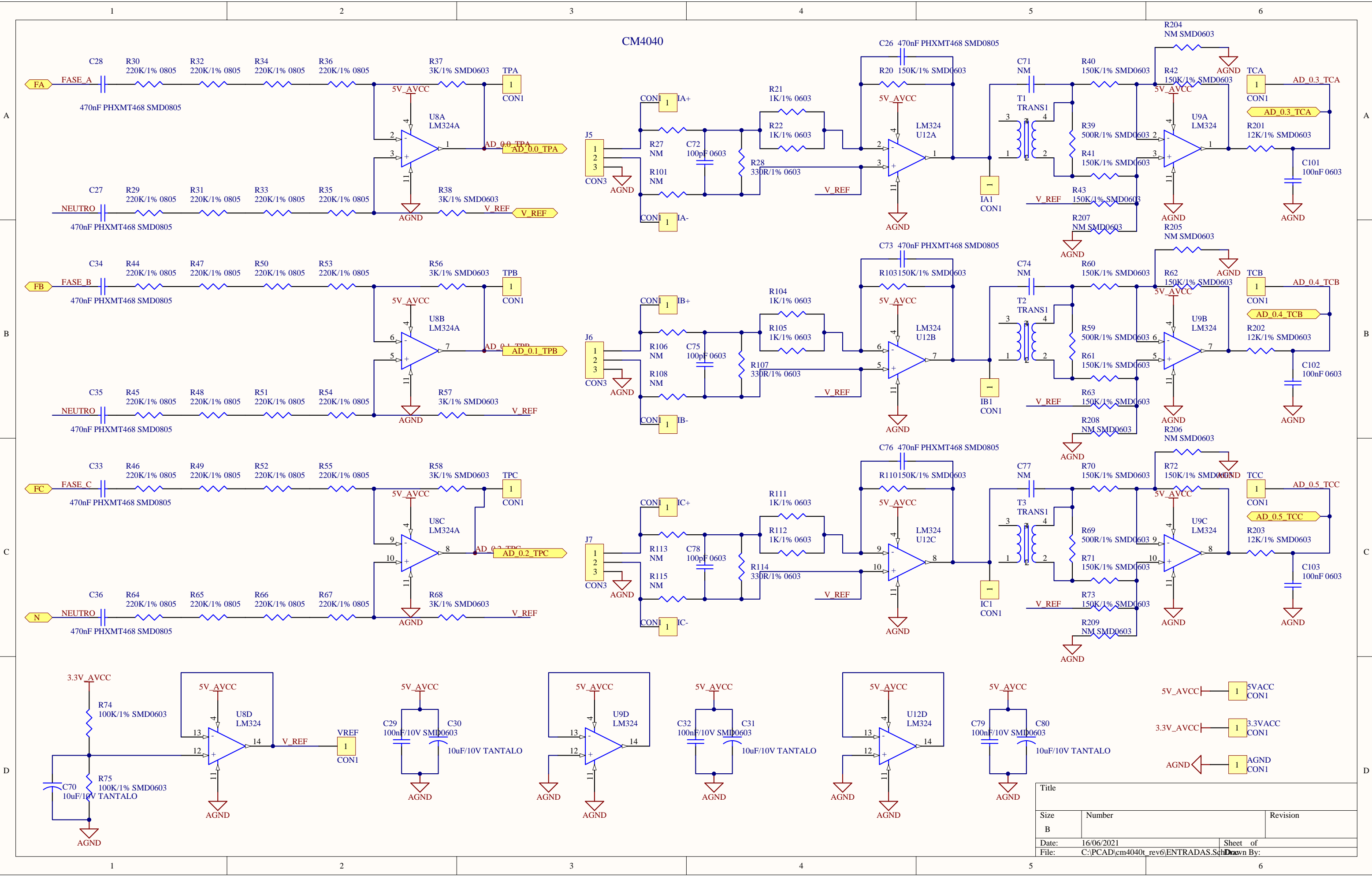
ETH_P1.15	ETH_P1.15
ETH_P1.14	ETH_P1.14
ETH_P1.10	ETH_P1.10
ETH_P1.9	ETH_P1.9
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ETH_P1.4	ETH_P1.4
ETH_P1.1	ETH_P1.1
ETH_P1.0	ETH_P1.0

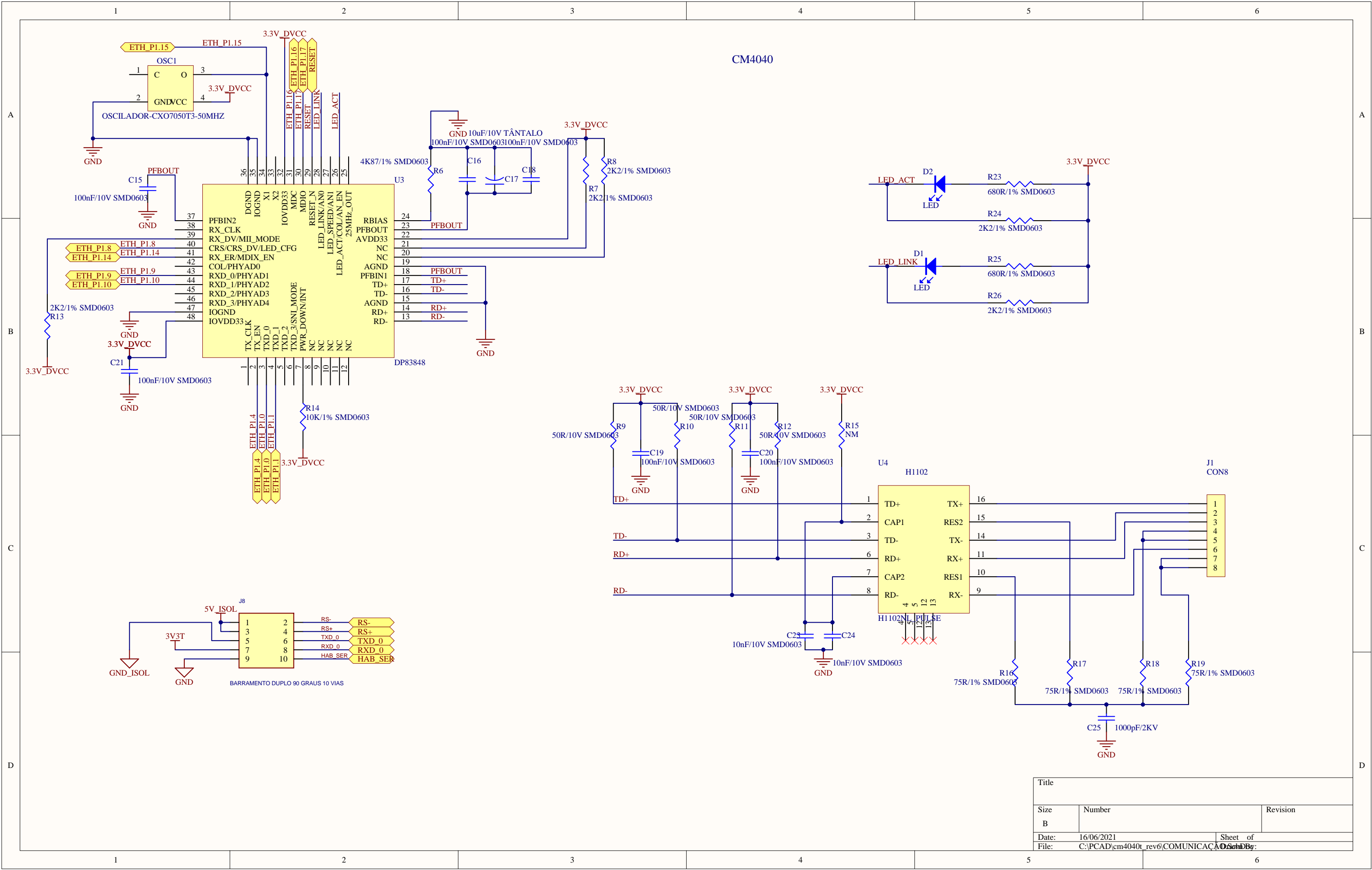
ETH_P1.17	ETH_P1.17
ETH_P1.16	ETH_P1.16

ETH_P1.15	ETH_P1.15
ETH_P1.14	ETH_P1.14
ETH_P1.10	ETH_P1.10
ETH_P1.9	ETH_P1.9
ETH_P1.8	ETH_P1.8
ETH_P1.4	ETH_P1.4
ETH_P1.1	ETH_P1.1
ETH_P1.0	ETH_P1.0



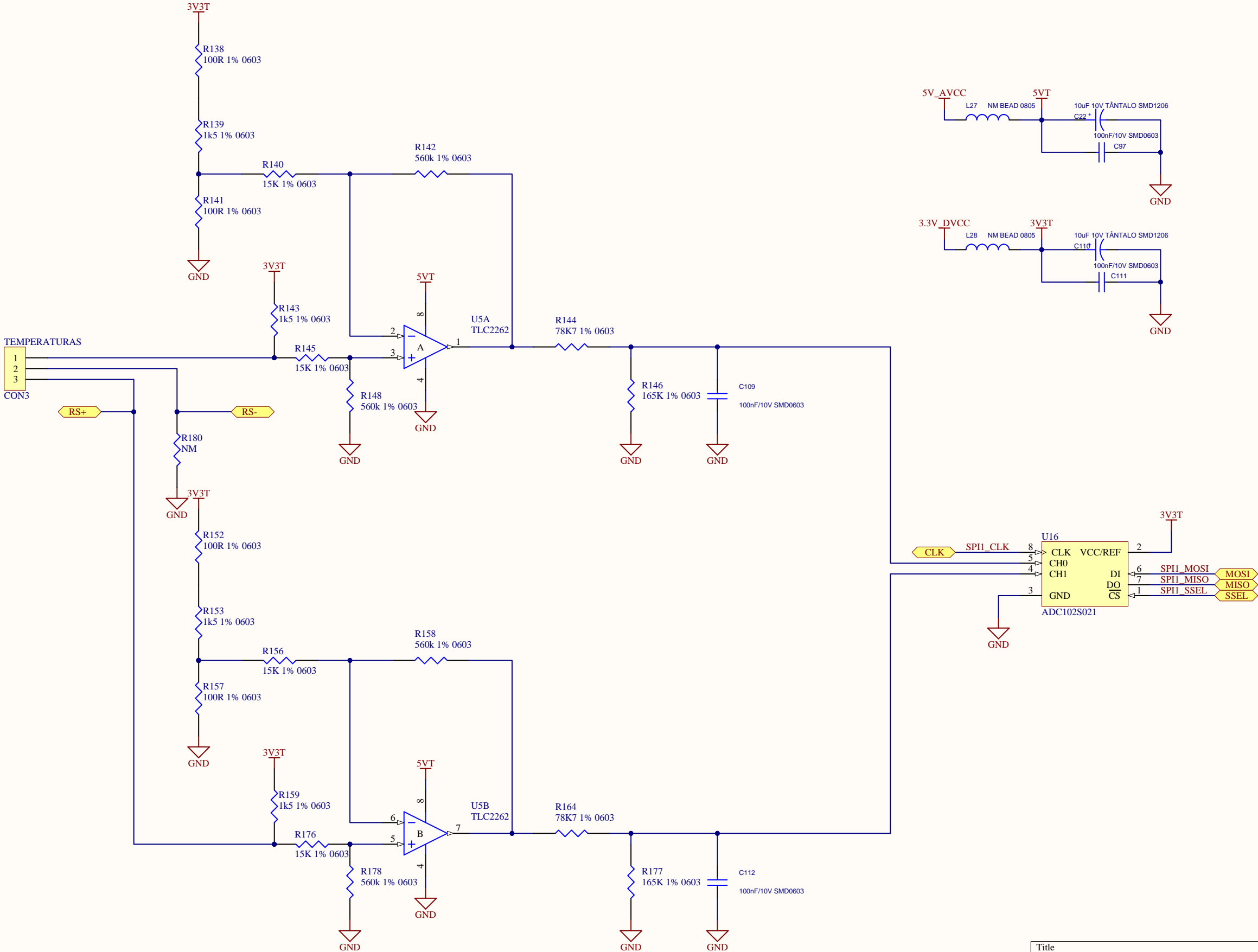
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ENTRADAS DE TEMPERATURA



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