

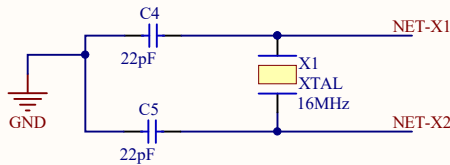
1

2

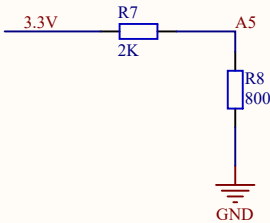
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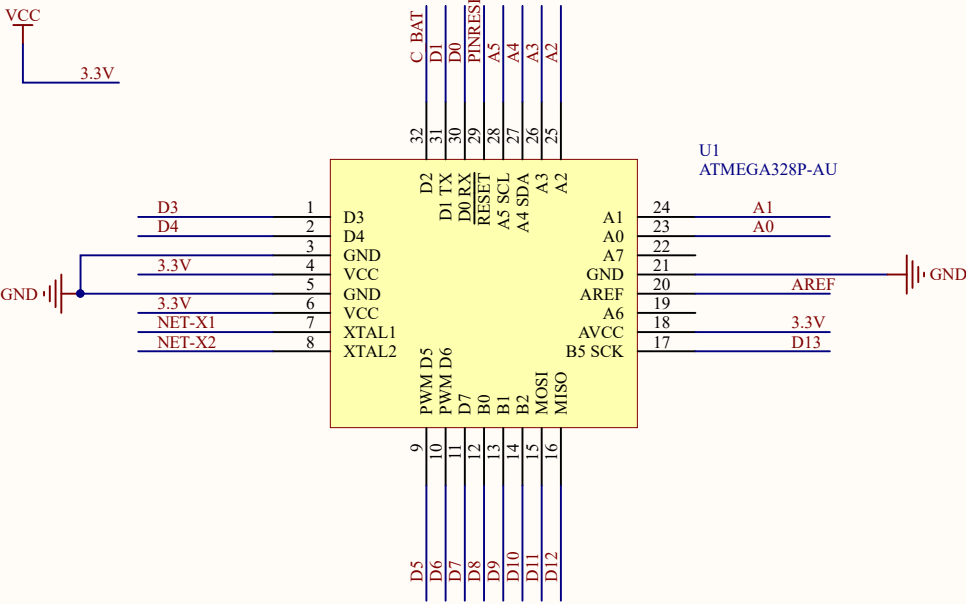
A



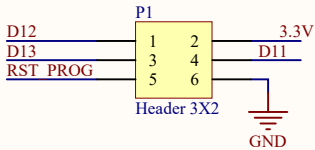
ETAPA CRISTAL OSCILADOR



ETAPA SENSOR BATERA



B

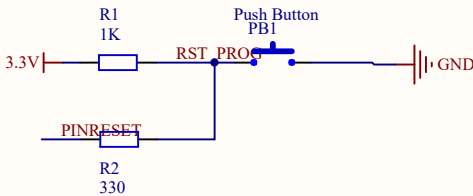


ETAPA PROGRAMADOR CHIP

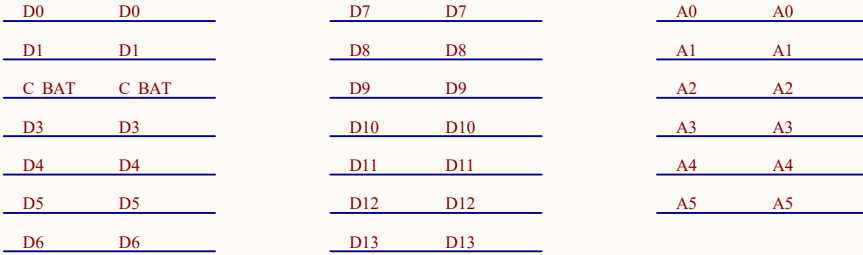


ETAPA CONTROL DE CARGA

C

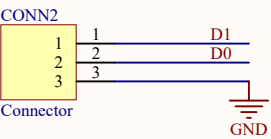


ETAPA RESET



ETAPA PINES USADOS PARA EL PROYECTO

D



ETAPA DEBUG SERIAL

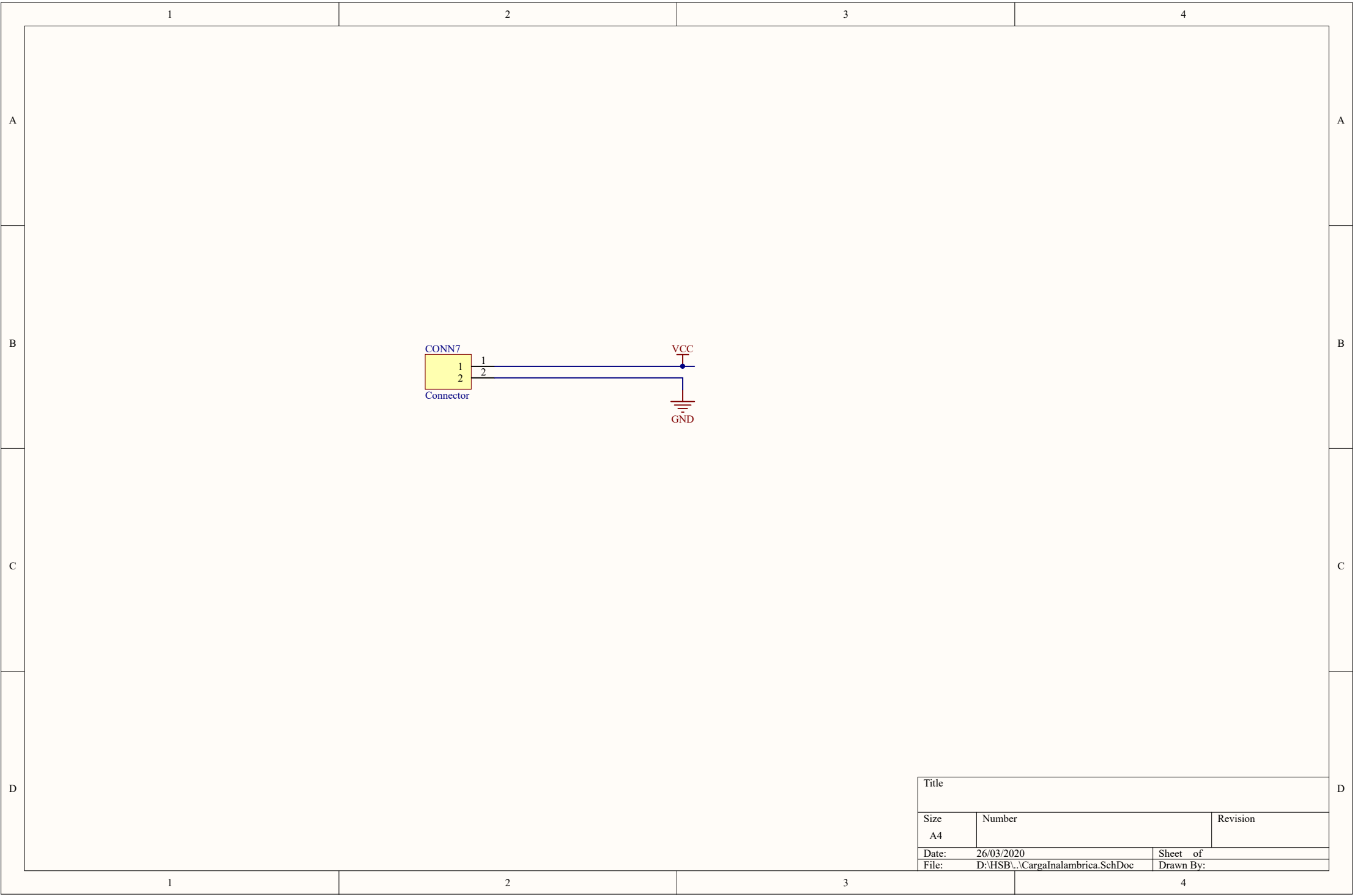
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File:	D:\HSB\Atmega328P.SchDoc	Drawn By:

1

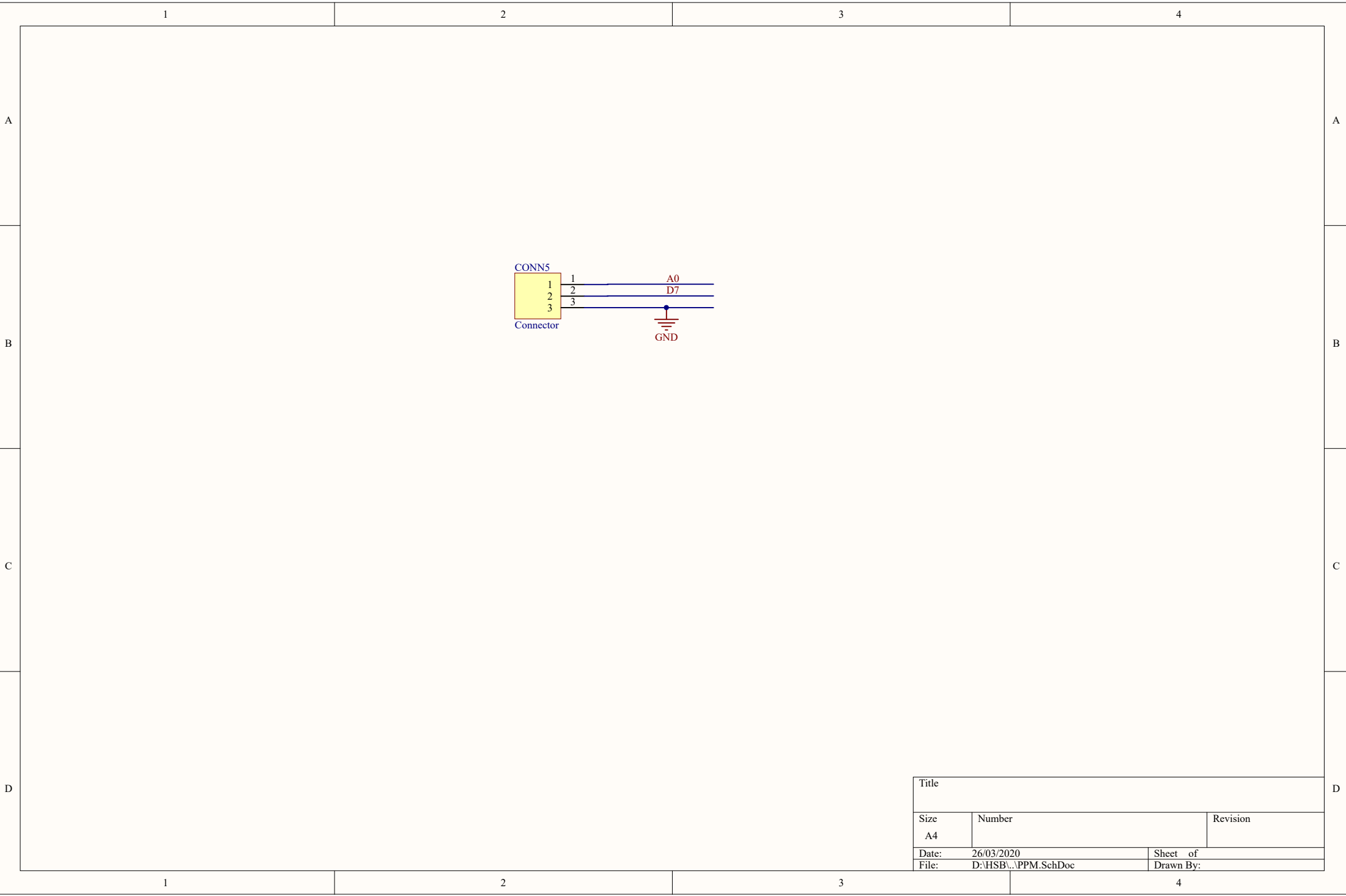
2

3

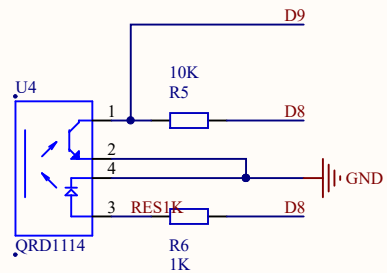
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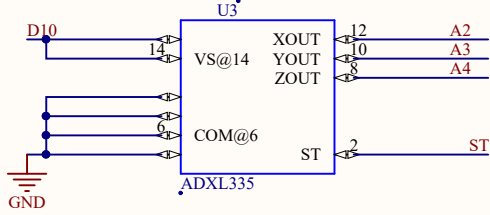
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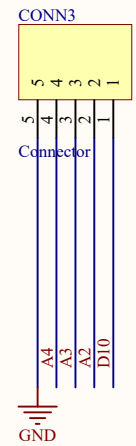
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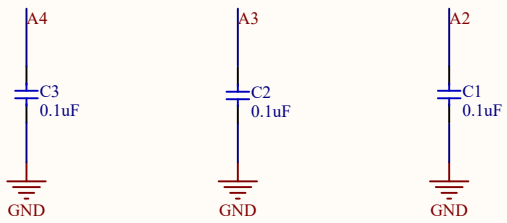
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ETAPA CHIP

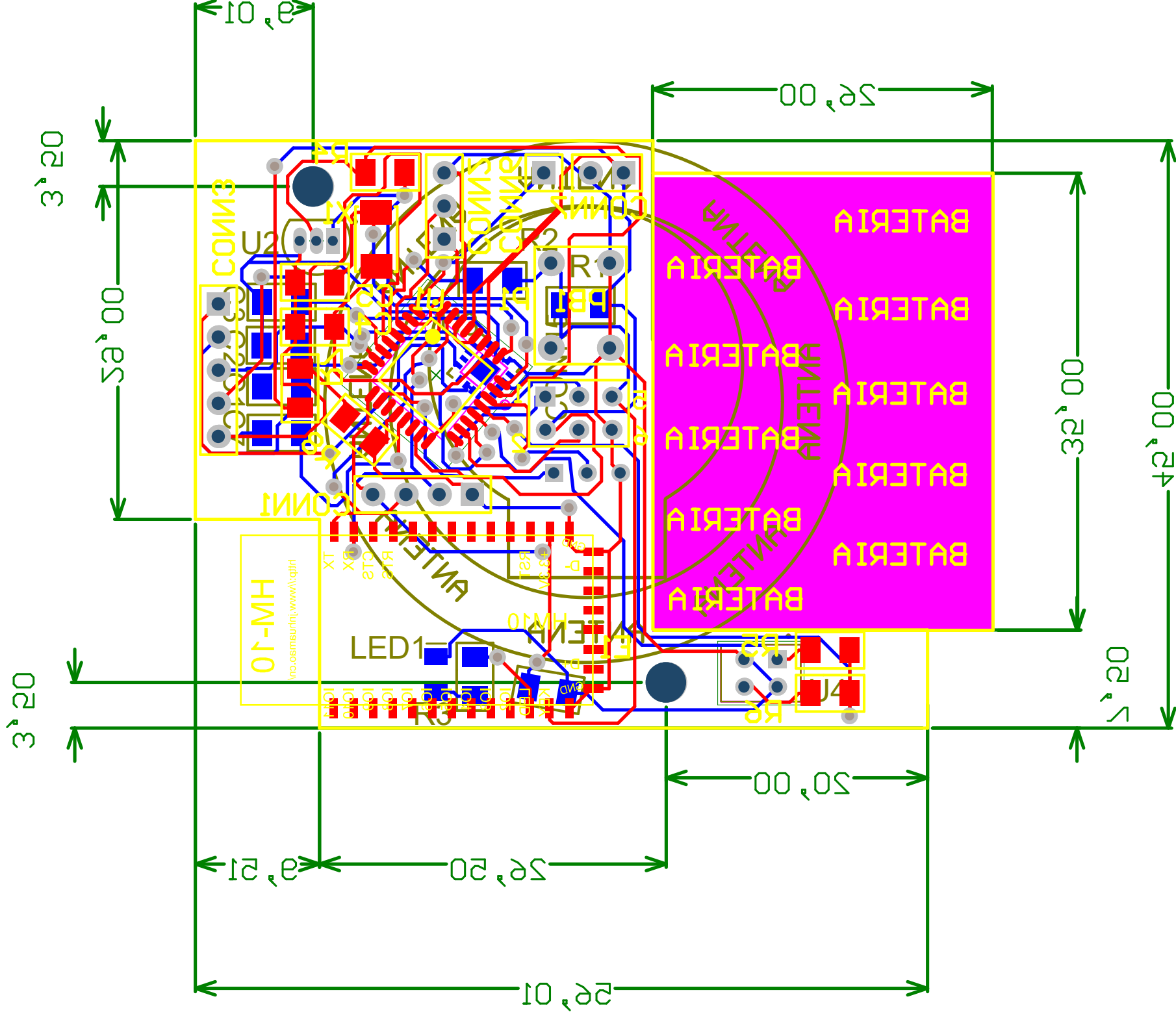


ETAPA CONECTOR



ETAPA MANTENER SEÑALES

Title		
Size	Number	Revision
A4		
Date:	26/03/2020	Sheet of
File:	D:\HSB\...\SensorCaída.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
C	Capacitor, generic	C1, C2, C3	C1206-1.00	C	3
C1	Capacitor, generic	C4	C1206-1.25	C	1
C2	Capacitor, generic	C5, C6, C7	C1206-1.25	C	3
Connector		CONN1	1x4x2.54 Pin Header TH V	Header 1x4	1
Connector		CONN2	1x3x2.54 Pin Header TH V	Header 1x3	1
Connector		CONN3	1x5x2.54 Pin Header TH V	Header 1x5	1
Connector		CONN5	SEN0203	Header 1x3	1
Connector		CONN6	1x1x2.54 Pin Header TH V	Header 1x1	1
Connector		CONN7	1x2x2.54 Pin Header TH V	Header 1x2	1
HM Bluetooth module use TI CC2540 or CC2541, Master and slave roles in one, transmission version and remote control version and PIO state acquisition functions in one, Support the AT command modify module parameters, Convenient and flexible.		E1	26.9X13X2.2_BOARD	HM-10-BOARD	1
LED		LED1	SMT1206-LED	LED	1
Header 3X2	Header, 3-Pin, Dual row	P1	HDR2X3	Header 3X2	1
Push Button	Push Button	PB1	Tack Switch 6x6 1mm TH	Push Button	1
R	Resistor, generic	R1, R2, R3, R4, R5, R6, R7, R8	R1206-0.55	R	8
ATMEGA328P-AU	Microchip Technology ATMEGA328P-AN, 8bit AVR Microcontroller, 20MHz, 32 kB Flash, 32-Pin TQFP	U1	TQFP80P900X900X1 20-32N	ATMEGA328P-AU	1
LM35CAZ/NOPB	Precision Centigrade Temperature Sensor, 3-pin TO-92, Pb-Free	U2	Z03A	LM35CAZ/NOPB	1
ADXL335	AcelerÃ³metro X, Y, Eje Z Ã± 3g 1.6kHz _X, Y_ 550Hz _Z_ 16-LFCSP-LQ _4x4_	U3	*LFCSP-16	ADXL335	1
QRD1114	Sensor Ã³ptico reflectante 0.050 _1.27 mm_ radial - 4 conductores	U4	*ONS_QRD1114	QRD1114	1
XTAL	Crystal, Generic	X1	2-SMD	XTAL	1