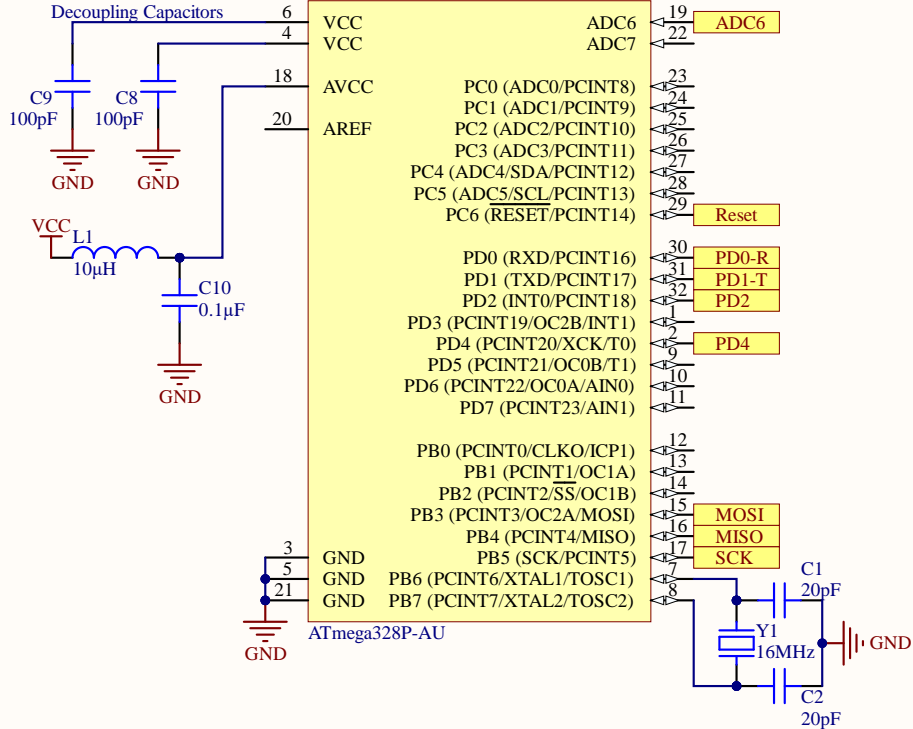
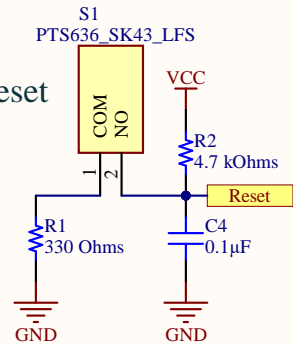


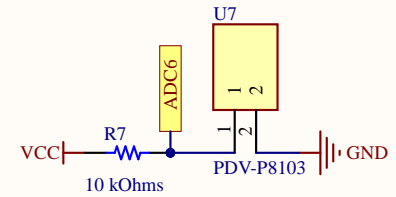
## Microcontroller



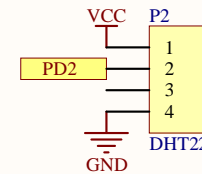
## Reset



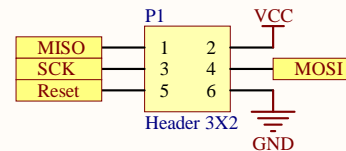
## Photocell



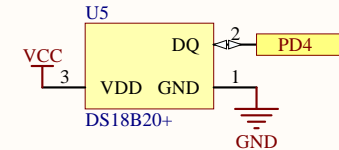
## Temperature-Humidity Sensor



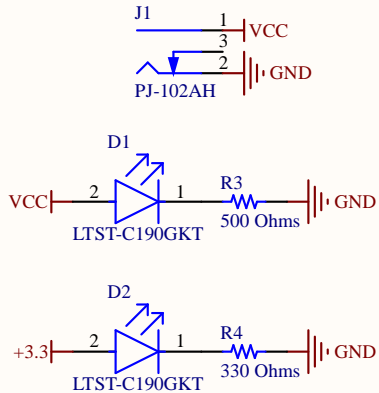
## Serial Peripheral Interface



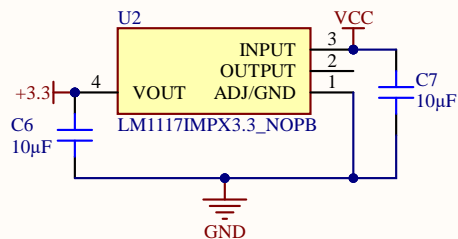
## Temperature Sensor



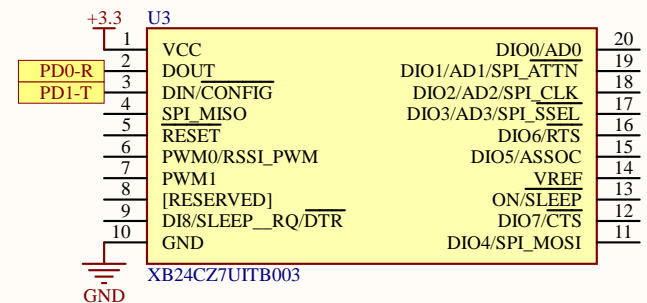
## Power Connector



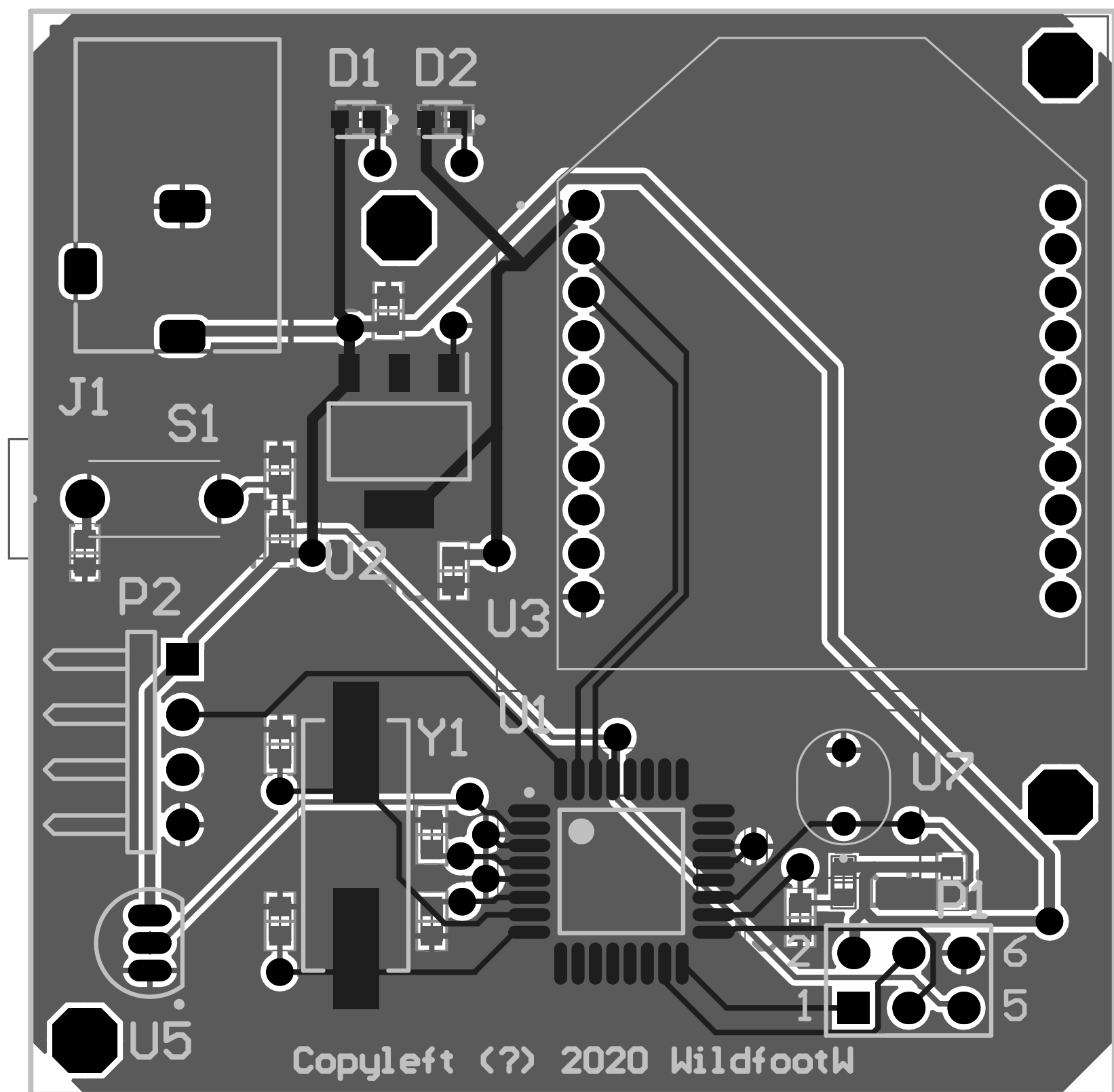
## Linear Regulator



## RF Module



Title		
Size	Number	Revision
A		
Date:	11/28/2020	Sheet of
File:	W:\workplace\...\Sheet1.SchDoc	Drawn By:



# Bill of Materials

Bill of Materials for Project [Homework-A.PrjPcb] (No PCB Document Selected)

Source Data From: Homework-A.PrjPcb  
 Project: Homework-A.PrjPcb  
 Variant: None

Creation Date: 11/28/2020 9:47 AM  
 Print Date: 44163 44163.40844

Footprint	Comment	LibRef	Designator	Description	Quantity
CAP	20pF	06033A200JAT2	C1, C2	CAP CER 20PF 25V C0G/NP0 0603	2
CAP	0.1µF	06033C104MAT	C4, C10	CAP CER 0.1UF 25V X7R 0603, CAP CER	2
CAP	10µF	GRM188R60J10	C6, C7	CAP CER 10UF 6.3V X5R 0603	2
CAP	100pF	C0603C101K5G	C8, C9	CAP CER 100PF 50V C0G/NP0 0603	2
FP-LTST-	LTST-C190GKT	CMP-22017-	D1, D2	LED GREEN CLEAR CHIP SMD	2
CUI PJ-	PJ-102AH	PJ-102AH	J1	CONN PWR JACK 2X5.5MM SOLDER	1
INDC1608L	10µH	Inductor	L1	Inductor	1
HDR2X3	Header 3X2	Header 3X2	P1	Header, 3-Pin, Dual row	1
HDR1X4H	DHT22	Header 4H	P2	Header, 4-Pin, Right Angle	1
RES	330 Ohms	CRGP0603F330	R1, R4	CRGP 0603 330R 1%	2
RES	4.7 kOhms	ERA-3AEB472V	R2	RES SMD 4.7K OHM 0.1% 1/10W 0603	1
RES	500 Ohms	TNPU0603500R	R3	RES SMD 500 OHM 0.05% 1/10W 0603	1
RES	10 kOhms	CPF0603B10KE	R7	RES SMD 10K OHM 0.1% 1/16W 0603	1
PTS636SK43	PTS636_SK43_	PTS636_SK43_	S1	Switch	1
32A_M	ATmega328P-	CMP-0095-	U1	8-bit AVR Microcontroller, 32KB Flash, 1KB	1
SOT230P700	LM1117IMPX3.3	LM1117IMPX3.3	U2	Integrated Circuit	1
XB24CZ7UIT	XB24CZ7UITB0	XB24CZ7UITB0	U3	Integrated Circuit	1
Q3+1	DS18B20+	CMP-0253-	U5	Programmable Resolution Digital	1
PDVP8103	PDV-P8103	PDV-P8103	U7	Integrated Circuit	1
ABRACON	16MHz	ABLS-	Y1	CRYSTAL 16.0000MHZ 18PF SMD	1

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Approved	Notes