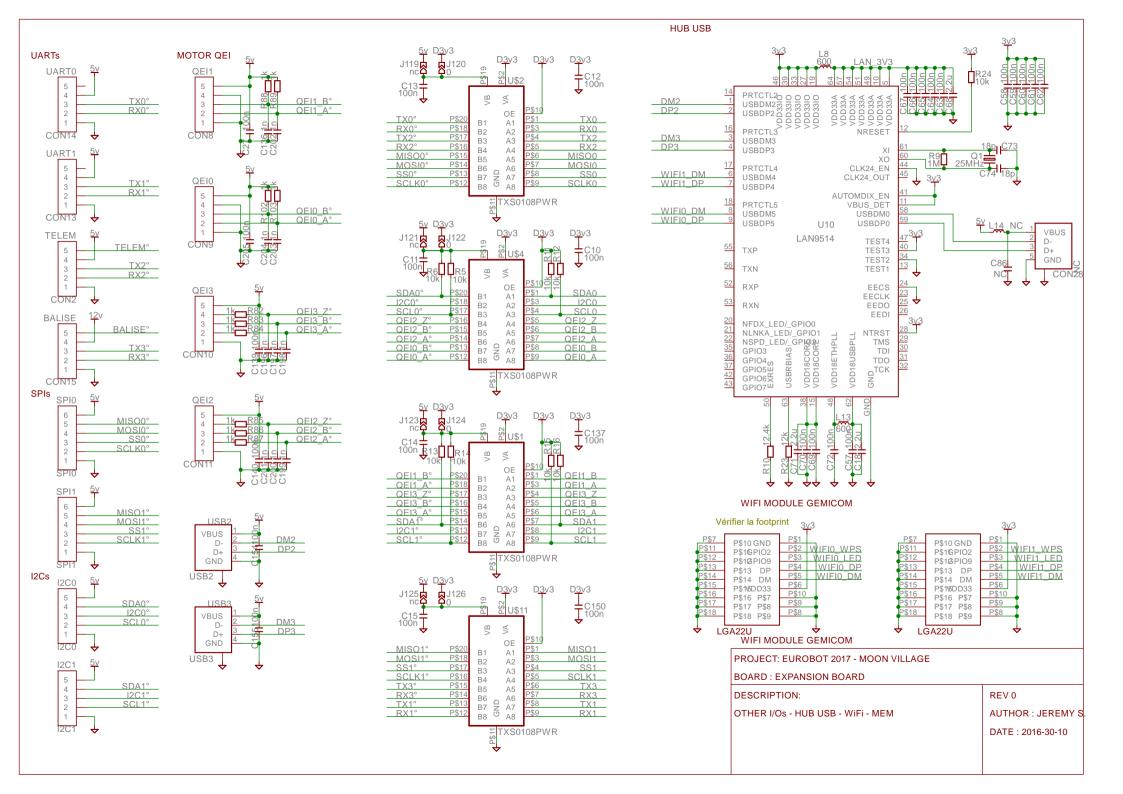
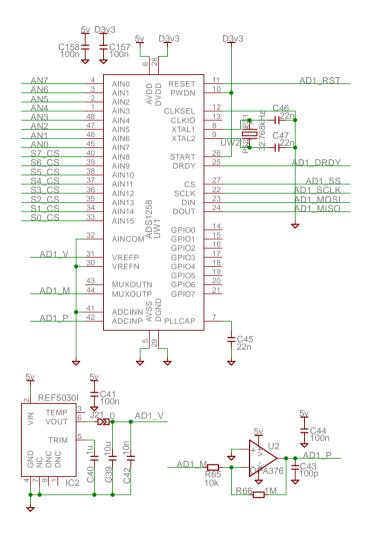
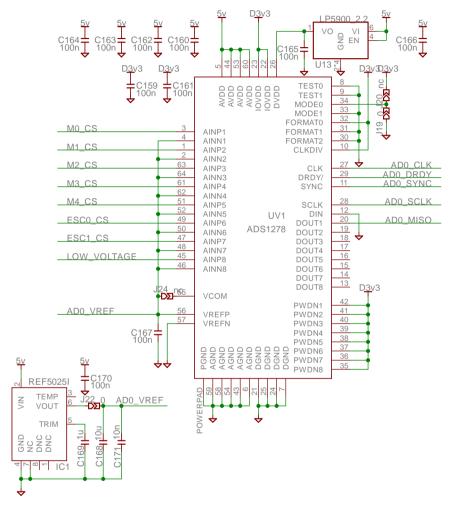


PROJECT: EUROBOT 2017 - MOON VILLAGE	
BOARD : EXPANSION BOARD	
DESCRIPTION:	REV 0
POWER SECTION AND ANALOG	AUTHOR : JEREMY S.
	DATE: 2016-30-10







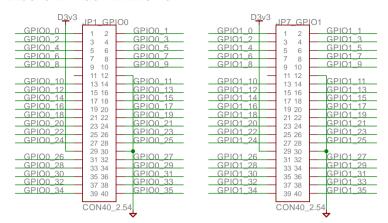
PROJECT: EUROBOT 2017 - MOON VILLAGE
BOARD : EXPANSION BOARD

DESCRIPTION:

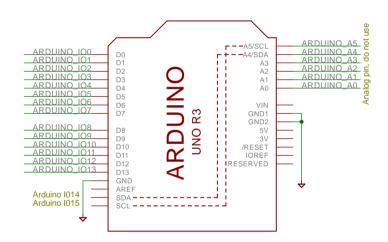
OTHER I/Os - HUB USB - WiFi - MEM

AUTHOR : JEREMY S
DATE : 2016-30-10

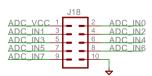
2X20 GPIO EXPANSION HEADERS FPGA



ARDUINO UNO R3 EXPANSION HEADER



A/D Converter and Analog Input



LTC connector



S0	126	TX0	159
S1	(27	RX0	760
S2	25	TX1	-1951
\$1 \$2 \$3 \$4 \$5	<u>**</u> 5	RX1	162
94	<u> </u>	TX2	1923
05	26	RX2	
S6	>	TELEM	<u>DΣ</u> j ₆₅
S7	Σ Γ	TVO	JEDΣ
5/	Σ Ε	RX3	<u>DΣ</u>
100	141		<u>DΣI-</u> 11
100	∑ D-	BALISE	
IO1	<u>Σ</u>	MISO0	<u>DΣI</u> -
102	Σ-	_MOSI0	-DXI
103	Σ Ι-	SCLK0	-02
104	<u> </u>	_SS0	-1351-
105	37 2	_MISO1	_BF.
106	<u></u>	_MOSI1	L221- 1771-C
107	€ €	SCLK1	_DΣI-
	/2	SS1	X#
QEI1 A	149		-02-
QFI1 B	<u> </u>	SDA0	J76
QFI0 A		SCL0	127
QFI0 B	<u> </u>	12C0	728
QEIO_B	<u> </u>	SDA1	- 13219
OFI3 B		SCL1	- <u>- 1981</u> -
OFI3 7	>	12C1	-D21
OFI2 A	2 5	1201	DΣI-
OFI2 B	∑	ADO CLK	J82
QEI2 Z	<u> </u>	ADO DRDY	1323
WLIZ_Z	>	ADO SYNC	
		ADO SCIK	-D21-
		ADO_OOLIC	<u>DΣΙ-</u>
		ADO_INIOO	DXI
		AD1_RST	—DΣI-
		AD1_DRDY	<u>DΣ</u>
		AD1_SS	-DXI
		_AD1_SCLK	-DX
		AD1 MOSI	7.9

AD1 MISO

BUZZER	193
LV MUXA	TOTAL STREET
LV MUXB	X#5
_	7/21
M0 PWMA	197
M0 PWMB	X ₩
M1 PWMA	H 9 9
M1_PWMB	J. COD
M2 PWMA	J
M2 PWMB	J (62
M3 PWMA	J KEB
M3 PWMB	
M4 PWMA	J CO
M4 PWMB	Jee
M5 PWMA	J
M5_PWMB	J <u> 7,048</u>
	14.00

WIFIO_WPS_196

WIFI1_WPSJ117 WIFI1_LED

M5_PWMB	
M0_FAULT	J109
M1_FAULT M23_FAULT	
M45_FAULT	- 132
_ESC0_PWM	J114
ESC0_DIR ESC1_PWM	
ESC1_DIR	

PROJECT: EUROBOT 2017 - MOON VILLAGE

BOARD : EXPANSION BOARD

DESCRIPTION:

FPGA CONNECTORS

AUTHOR : JEREMY S.

REV 0

DATE: 2016-30-10