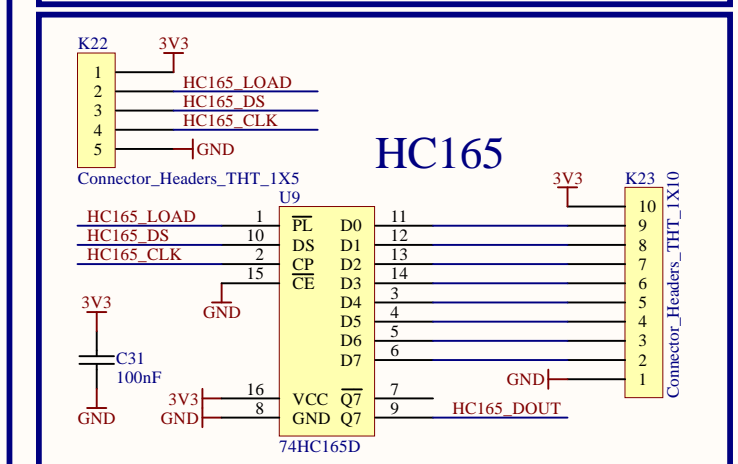
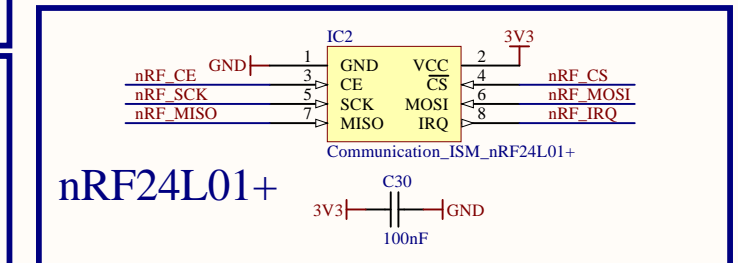
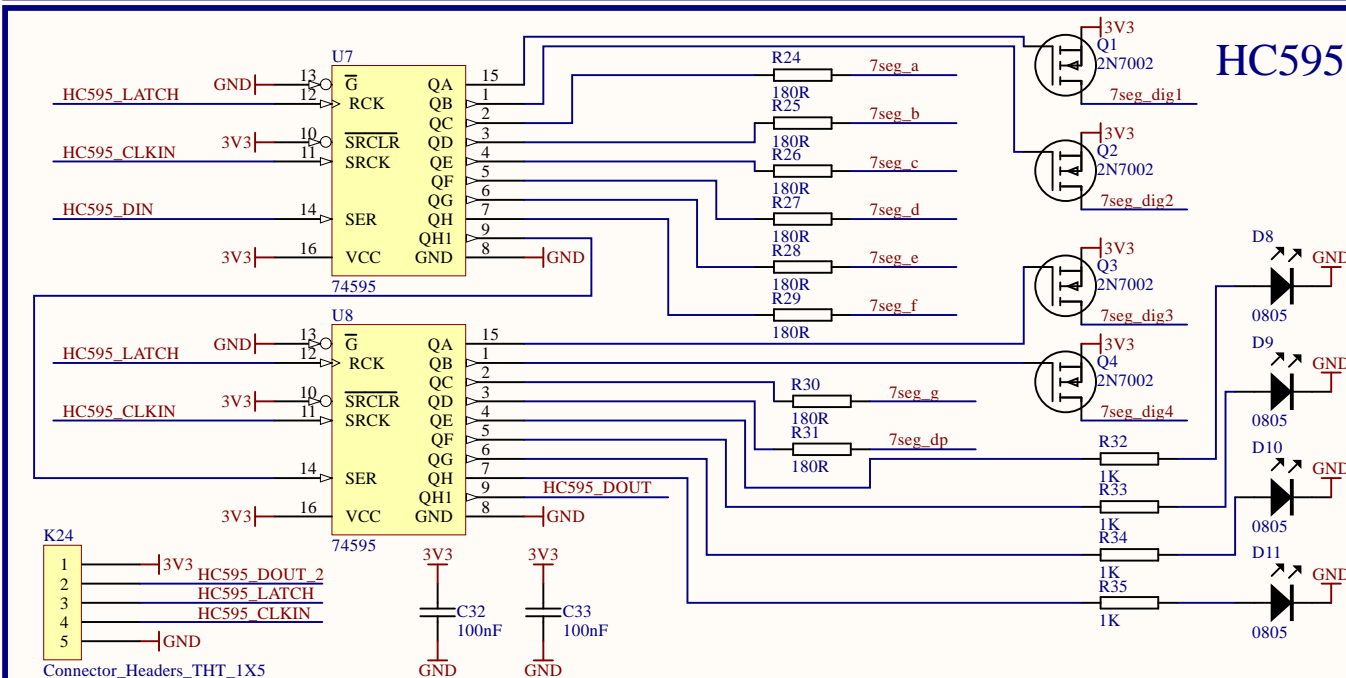
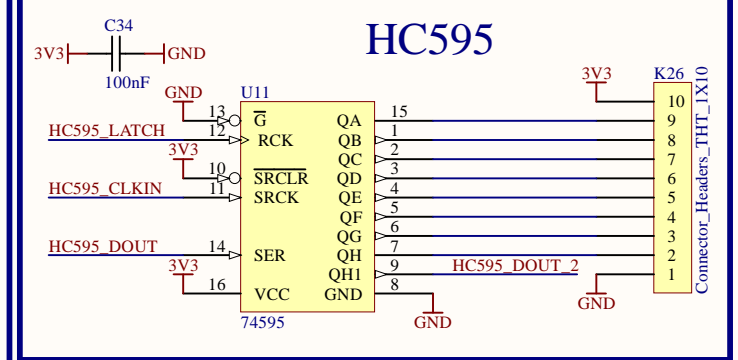
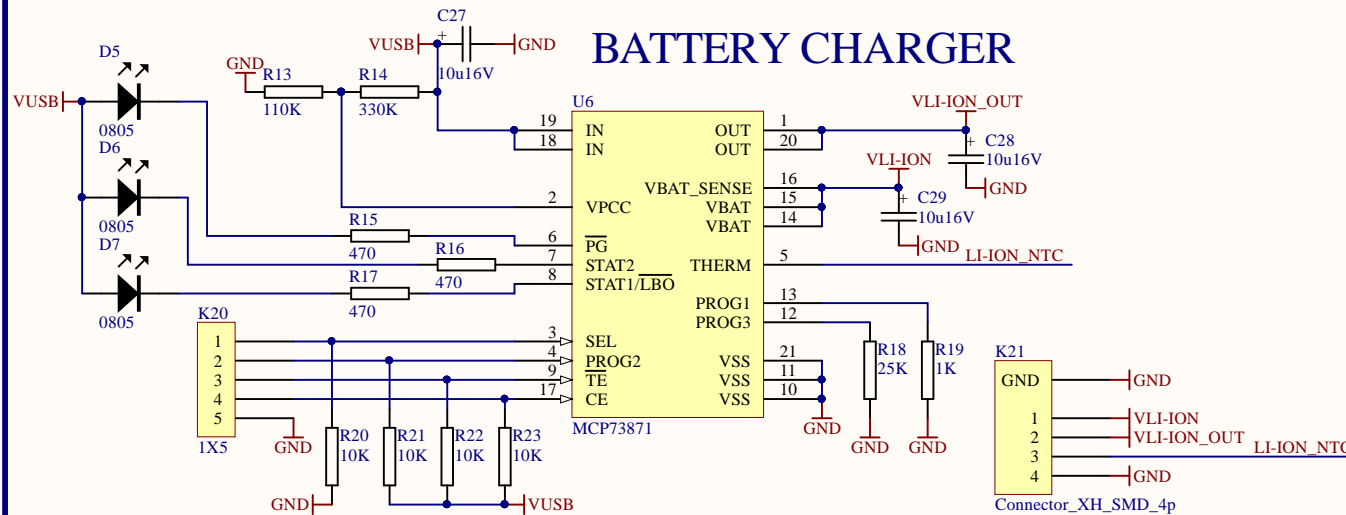
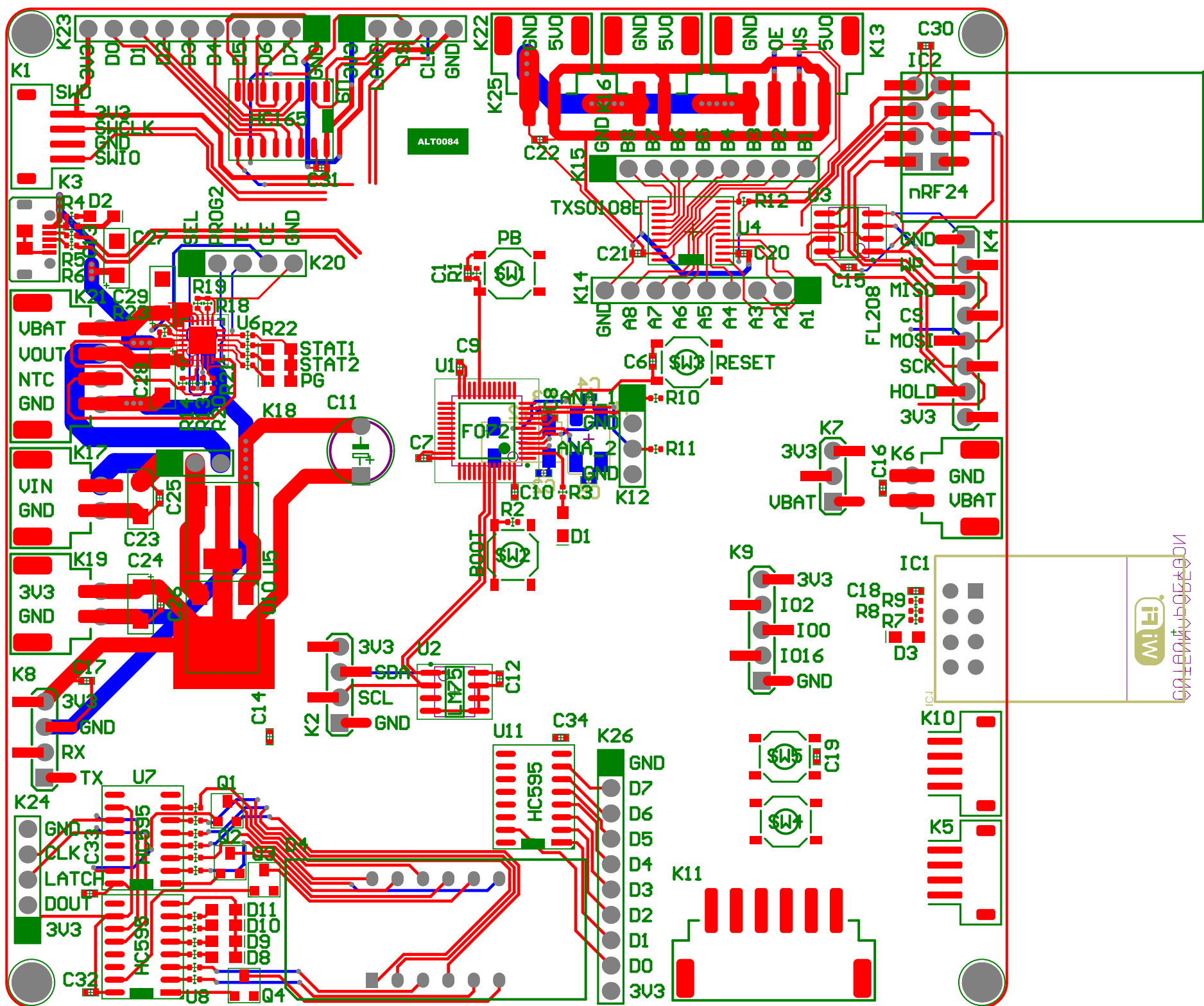


Sheetname <i>Connectors</i>			<i>NoWire Pixel</i>		Revision: <i>A</i>
Size: <i>A4</i>	Project ID: <i>ALT0084</i>		<i>Robbe's Workshop</i>		
Date: <i>24/03/2016</i>	Time: <i>15:32:57</i>	Sheet <i>2</i> of <i>3</i>	<i>Robbe Van Assche</i>		
File: <i>D:\Github\Altium\ALT0084 - NoWire Pixel REV A\Connectors.SchDoc</i>					



Sheetname Connectors 2		NoWire Pixel		Revision: A
Size: A4	Project ID: ALT0084	Robbe's Workshop		
Date: 24/03/2016	Time: 15:32:57	Robbe Van Assche		
File: D:\Github\Altium\ALT0084 - NoWire Pixel REV A\Connectors 2.SchDoc		Sheet 3 of 3		



Comment	Description	Designator	Footprint	LibRef	Quantity
100nf	CAPACITOR 0402 CERAMIC	C1, C4, C7, C8, C9, C10, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C25, C26, C30, C31, C32, C33, C34	0402	Passives_Capacitors_0402_TBD	24
6.8pf	CAPACITOR 0402 CERAMIC	C2, C3	0402	Passives_Capacitors_0402_TBD	2
18pf	CAPACITOR 0402 CERAMIC	C4, C5	0402	Passives_Capacitors_0402_TBD	2
220uf	CAPACITOR POLARISED	C11	C+SMM	220UF-SMM	1
10u16V		C23, C24, C27, C28, C29	1206C+,_TANTAL-10u16V	Passives_Capacitors_Tantalum_1206C-TANTALUM_SIZE_A-10u16V	5
0805		D1, D2, D3, D5, D6, D7, D8, D9, D10, D11	0805LED	LED_SMD_0805	10
LED_7Segment_JHS-3461B		D4	HS3461-TH	LED_7Segment_JHS-3461B	1
ESP8266 ESP-01	ESP8266 ESP-01	IC1	ESP8266 ESP-01	ESP8266 ESP-01	1
Communication_JSM_JRF24L01+	JRF24L01+	IC2	JRF24L01+_COMBO	Communication_JSM_JRF24L01+	1
Connector_ZH_SMD_4p_1.5_SWD		K1	ZH_SMD_4p_1.5	Connector_ZH_SMD_4p_1.5_SWD	1
Connector_Headers_SMD_M_4x1	SMD Header 4x1	K2, K8	Header_Male_2.54 4x1_COMBO	Connector_Headers_SMD_M_4x1	2
Connector_USB_SM_D_USB_F_MICRO_V1	MICRO USB B FEMALE	K3	USB_F_Micro_V1	Connector_USB_SM_D_USB_F_MICRO_V1	1
Connector_Headers_SMD_M_8x1	SMD Header 8x1	K4	Header_Male_2.54 8x1_COMBO	Connector_Headers_SMD_M_8x1	1
Connector_ZH_SMD_4p_1.5_UART		K5, K10	ZH_SMD_4p_1.5	Connector_ZH_SMD_4p_1.5_UART	2
Connector_XH_SMD_2p_POWER		K6, K17, K19	2.54_2p_THT+SMD	Connector_XH_SMD_2p_POWER	3
Connector_Headers_SMD_M_3x1	SMD Header 3x1	K7	Header_Male_2.54 3x1_COMBO	Connector_Headers_SMD_M_3x1	1
Connector_Headers_SMD_M_5x1	SMD Header 5x1	K9	Header_Male_2.54 5x1_COMBO	Connector_Headers_SMD_M_5x1	1
Connector_XH_SMD_6p		K11	2.54_6p	Connector_XH_SMD_6p	1
1X4		K12	HEADER-1X4	Connector_Headers_THT_1X4	1
Connector_XH_SMD_4p		K13	2.54_4p	Connector_XH_SMD_4p	1
1X9		K14, K15	HEADER-1X9	Connector_Headers_THT_1X9	2
Connector_XH_SMD_2p		K16, K25	2.54_2p	Connector_XH_SMD_2p	2
Connector_Headers_THT_1X3		K18	HEADER-1X3	Connector_Headers_THT_1X3	1
1X5		K20	HEADER-1X5	Connector_Headers_THT_1X5	1
Connector_XH_SMD_4p		K21	2.54_4p_THT+SMD	Connector_XH_SMD_4p	1
Connector_Headers_THT_1X5		K22, K24	HEADER-1X5	Connector_Headers_THT_1X5	2
Connector_Headers_THT_1X10		K23, K26	HEADER-1X10	Connector_Headers_THT_1X10	2
MOUNTING_small	MOUNTING HOLE - NON INSTALLABLE	M1, M2, M3, M4	MOUNTING_M3_small	MOUNTING_small	4
2N7002	N CHANNEL MOSFET 2N7002 SOT23	Q1, Q2, Q3, Q4	SOT23-GDS	2N7002-SOT23	4
10K	RESISTOR 0402 VALUE TO BE DETERMINED	R1, R2, R8, R9, R10, R11, R12, R20, R21, R22, R23	R0402	Passives_Resistors_0402_TBD	11
1K	RESISTOR 0402 VALUE TO BE DETERMINED	R3, R4, R7, R19, R32, R33, R34, R35	R0402	Passives_Resistors_0402_TBD	8
22R	RESISTOR 0402 VALUE TO BE DETERMINED	R5, R6	R0402	Passives_Resistors_0402_TBD	2
110K	RESISTOR 0402 VALUE TO BE DETERMINED	R13	R0402	Passives_Resistors_0402_TBD	1
330K	RESISTOR 0402 VALUE TO BE DETERMINED	R14	R0402	Passives_Resistors_0402_TBD	1
470	RESISTOR 0402 VALUE TO BE DETERMINED	R15, R16, R17	R0402	Passives_Resistors_0402_TBD	3
25K	RESISTOR 0402 VALUE TO BE DETERMINED	R18	R0402	Passives_Resistors_0402_TBD	1
180R	RESISTOR 0402 VALUE TO BE DETERMINED	R24, R25, R26, R27, R28, R29, R30, R31	R0402	Passives_Resistors_0402_TBD	8
SW-Sw5	Switch Sw5	SW1	1P1T_SW_Sw5	Mechanical_Switch_1P1T_SMD_SW-Sw5	1
Mechanical_Switch_1P1T_SMD_SW-Sw5	Switch Sw5	SW2, SW3	1P1T_SW_Sw5	Mechanical_Switch_1P1T_SMD_SW-Sw5	2
FLASH	Switch Sw5	SW4	1P1T_SW_Sw5	Mechanical_Switch_1P1T_SMD_SW-Sw5	1
RST	Switch Sw5	SW5	1P1T_SW_Sw5	Mechanical_Switch_1P1T_SMD_SW-Sw5	1
STM32F072C8T6		U1	STM-LQFP48_N	Microcontrollers_ST_ARM_STM32F0_STM32F072C8T6	1
LM75		U2	SO8_N	LM75	1
S29FL208K		U3	SO8_N	S29FL208K	1
	8-bit Bi-directional level-shifting voltage translator for open-drain and push-pull applications				
TXS0108E		U4	TSSOP20	TXS0108E	1
LD1117-SOT223		U5, U10	SOT223	LD1117-SOT223	2
MCP73871	Battery charger	U6	QFN50P400X400X10 0.1HS-21N	MCP73871	1
74595	8-BIT SFT REG W/RTN OUTPUT LCH	U7, U8, U11	SO16	74HC_SIPO_SMD_74595	3
74HC165D	Parallel in, Serial Out	U9	SO16	74HC165D	1
6035		Y1	XTAL 6035	6035 Quartz	1
MC-306		Y2	XTAL MC-306	32k Quartz	1