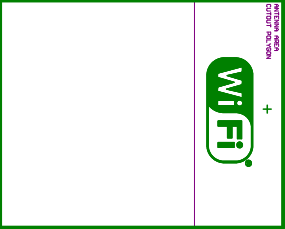
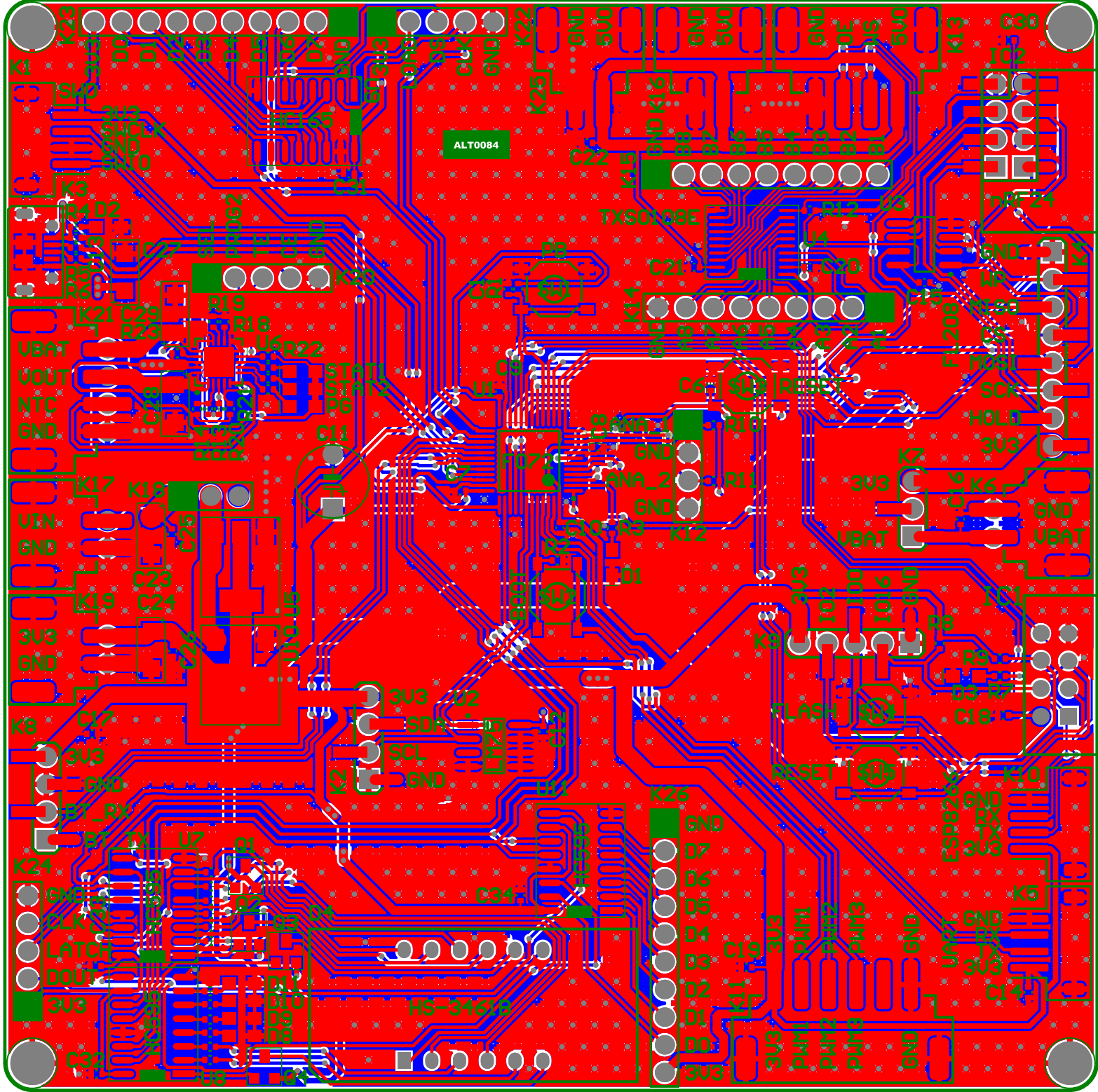


Sheetname <i>Connectors</i>				<i>NoWire Pixel</i>	Revision: A
Size: A4	Project ID: ALT0084			<i>Robbe's Workshop</i>	<i>Robbe Van Assche</i>
Date: 12/04/2016	Time: 14:54:37		Sheet 2 of 3		
File: D:\Github\Altium\ALT0084 - NoWire Pixel REV A\Connectors.SchDoc					



Bill of Materials			Connectors 2		
Source Data From: <u>ALT0094 - NoWire Pixel Rev A/P/PCB</u>					
Project: <u>ALT0094 - NoWire Pixel REV A/P/PCB</u>					
Variant: <u>None</u>					
Creation Date: <u>12/04/2016</u> 14:54:57					
Print Date: <u>12-Apr-16</u> 2:55:13 PM					
Footprint	Comment	LibRef	Designator	Description	Quantity
C0402	100nF	Passives_Capacitors_0402_T80	C1, C6, C7, C8, C9, C10, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C25, C26, C30, C31, C32, C33, C34	CAPACITOR 0402 CERAMIC	24
C0402	6.8pF	Passives_Capacitors_0402_T80	C2, C3	CAPACITOR 0402 CERAMIC	2
C0402	18pF	Passives_Capacitors_0402_T80	CA, C5	CAPACITOR 0402 CERAMIC	2
C+SAM 1206C+TAN TAL-10u16V	220UF-SMM 10u16V	Passives_Capacitors_Tantalum_1 200C-TANTAL SIZE A-10u16V	C11 C23, C24, C27, C28, C29	CAPACITOR POLARISED	5
0805LED	0805	LED_SMD_0805	D1, D2, D3, D5, D6, D7, D8, D9, D10, D11		10
HS3461-TH	LED_7Segment, HS-3461B	LED_7Segment, HS-3461B	D4		1
ESP8266 ESP-01	ESP8266 ESP-01	ESP8266 ESP-01	IC1	ESP8266 ESP-01	1
r#F24L01+ COMBO	Communication, ISM_r#F24L01+	Communication, ISM_r#F24L01+	IC2	r#F24L01+	1
ZH_SMD_4p, 1.5	Connector_ZH_SMD_4p, 1.5 S, WD	Connector_ZH_SMD_4p, 1.5 S, WD	K1		1
Header_Male 2.54 4x1,COMBO	Connector_Headres_SMD_M, 4x1	Connector_Headres_SMD_M, 4x1	K2, K8	SMD Header 4x1	1
USB_F_Micro, V1	Connector_USB_SMD_USB_F, MICRO_V1	Connector_USB_SMD_USB_F, MICRO_V1	K3	MICRO USB B FEMALE	1
Header_Male 2.54 8x1,COMBO	Connector_Headres_SMD_M, 8x1	Connector_Headres_SMD_M, 8x1	K4	SMD Header 8x1	1
ZH_SMD_4p, 1.5	Connector_ZH_SMD_4p, 1.5 S, WD	Connector_ZH_SMD_4p, 1.5 S, WD	K5, K10		1
2.54_2p, THT +SMD	Connector_ZH_SMD_2p, POWERR	Connector_ZH_SMD_2p, POWERR	K6, K17, K19		3
Header_Male 2.54 3x1,COMBO	Connector_Headres_SMD_M, 3x1	Connector_Headres_SMD_M, 3x1	K7	SMD Header 3x1	1
Header_Male 2.54 5x1,COMBO	Connector_Headres_SMD_M, 5x1	Connector_Headres_SMD_M, 5x1	K9	SMD Header 5x1	1
2.54_6p	Connector_ZH_SMD_6p	Connector_ZH_SMD_6p	K11		1
HEADER: 1X4	Connector_ZH_SMD_4p	Connector_ZH_SMD_4p	K12		1
2.54_4p	Connector_ZH_SMD_4p	Connector_ZH_SMD_4p	K13		1
HEADER: 1X3	Connector_ZH_SMD_4p	Connector_ZH_SMD_4p	K14, K15		2
2.54_2p	Connector_ZH_SMD_2p	Connector_ZH_SMD_2p	K16, K25		1
HEADER: 1X3	Connector_ZH_SMD_2p	Connector_ZH_SMD_2p	K18		1
HEADER: 1X5	Connector_ZH_SMD_4p	Connector_ZH_SMD_4p	K20		1
2.54_4p, THT +SMD	Connector_ZH_SMD_4p	Connector_ZH_SMD_4p	K21		1
HEADER: 1X5	Connector_ZH_SMD_4p	Connector_ZH_SMD_4p	K22, K24		1
HEADER: 1X10	Connector_ZH_SMD_4p	Connector_ZH_SMD_4p	K23, K28		1
MOUNTING Holes gsmall	Connector_ZH_SMD_4p	Connector_ZH_SMD_4p	M1, M2, M3, M4	MOUNTING HOLE - NON INSTALLABLE	4
SOT23-GS04 R0402	2N7002 10K	2N7002-SOT23 Passives_Resistors_0402_T80	Q1, Q2, Q3, Q4 R1, R2, R3, R10, R11, R12, R20, R21, R22, R23	N-CHANNEL MOSFET 2N7002, SOT23 RESISTOR 0402 VALUE TO BE DETERMINED	4
R0402	1K	Passives_Resistors_0402_T80	R3, R4, R7, R19, R32, R33, R34, R35	RESISTOR 0402 VALUE TO BE DETERMINED	11
R0402	22K	Passives_Resistors_0402_T80	R5, R6	RESISTOR 0402 VALUE TO BE DETERMINED	2
R0402	110K	Passives_Resistors_0402_T80	R13	RESISTOR 0402 VALUE TO BE DETERMINED	1
R0402	330K	Passives_Resistors_0402_T80	R14	RESISTOR 0402 VALUE TO BE DETERMINED	1
R0402	47K	Passives_Resistors_0402_T80	R15, R16, R17	RESISTOR 0402 VALUE TO BE DETERMINED	1
R0402	25K	Passives_Resistors_0402_T80	R18	RESISTOR 0402 VALUE TO BE DETERMINED	1
R0402	180R	Passives_Resistors_0402_T80	R24, R25, R26, R27, R28, R29, R30, R31	RESISTOR 0402 VALUE TO BE DETERMINED	8
1P1T_SW_5x5	SW-5x5	Mechanical_Switches_1P1T_SMD, SW-56	SW1	Switch 5x5	1
1P1T_SW_5x5	Mechanical_Switches_1P1T_SMD, SW-56	Mechanical_Switches_1P1T_SMD, SW-56	SW2, SW3	Switch 5x5	2
1P1T_SW_5x5	FLASH	Mechanical_Switches_1P1T_SMD, SW-56	SW4	Switch 5x5	1
1P1T_SW_5x5	RST	Mechanical_Switches_1P1T_SMD, SW-56	SW5	Switch 5x5	1
STM-LQFP48,N	STM32F072CBT6	Microcontrollers-ST_ARM_STM32F072CBT6	U1		1
S0B,N	LMF5	LMF5	U2		1
S0B,N	SSZFL205K	SSZFL205K	U3		1
TSOP20	7XS0106E	7XS0106E	U4	8-bit Bi-Directional level-shifting voltage translator for open-drain and push-pull applications	1
SOT23	LD1117-SOT23	LD1117-SOT23	U5, U10		2
CFN59640XX 400X100_N5E 21N	MCP73871	MCP73871	U6	Battery charger	1
S016	74595	74HC_SIP0_SMD_74595	U7, U8, U11	8-BIT SFT REG WITH OUTPUT LCH	3
S016	74HC165D	74HC165D		translator in Serial Out	1
XTAL 6035	6035	6035 Quartz	Y1		1
XTAL MC-306	MC-306	10K Quartz	Y2		1
Approved	Notes				134