Rockling FPGA SAO Sta	atus	Updated: 2021-12-3	0 17:30	See Notes colu	mn (far right) for failure detals											
rototype Board id	Where	Status				Rockling USB flashed	DAC I2C	Audio Codec I2C	AFE Volume frequ	u AFE Pitch frequ	u Audio Codec I2C / I2S	ESP32 I2C / SPI	DIP switches	Buttons	Spare FPGA pins	Microphone i Pass	Notes
	BobP		?														
	BobP		?														
	andyg	More testing	Pass	Pass	Pass	Pass	Not fitted	0x0a	Not fitted	Not fitted	TBC	TBC			TBC		AFE and DAC never fitted
	andyg	More testing	Pass	Pass	Pass	Pass	0x60	0x0a	Pass	Pass	TBC	TBC			TBC	TBC Partia	
rototype AK	andyg	More testing	Pass	Pass	Pass	Pass	0x60	0x0a	Not tested yet	Not tested yet	TBC	TBC	TBC	TBC	TBC	TBC Partia	
roduction batch #1			n checked for DAC add														
roduction patch #1 rototype Board id	Where	Status			000150	Rockling USB flashed			AFF.14-1 6		u Audio Codec I2C / I2S		DID 74-1		FRG 4		
Prototype Board Id	andyg	Fix needed	Pass Pass	Pass	Pass	Pass Pass	0x60	OxOa	Fail		TBC	TBC			TBC TBC	TBC Partia	Notes
TOUGETION AK	jon	More testing	Pass	Pass	Pass	Pass	0x60	0x0a	Pass	Pass	TBC	TBC			TBC	TBC Partia	
	AndyK	More testing	Pass	Pass	Pass	Pass	0x60	0x0a	Pass	Pass	TBC	TBC			TBC	TBC Partia	
	andyg	More testing	Pass	Pass	Pass	Pass	0x60	0x0a	Pass	Pass	TBC	TBC		TBC	TBC	TBC Partia	
	Jon	Rework needed	Pass	Fail	Fail											Fail	SPI Flash okay, but no RGB LED pulsing PCB COOL (< 0.05 A) dfu-util fails
1	Jon	For Brett Downing	Pass	Pass	Pass	Pass	0x60	0x0a	Pass	Pass	TBC	TBC	TBC	TBC	TBC		Oscillator rework and success !
5	Jon	Rework needed	Pass	Fail	Fail											Fail	SPI Flash okay, but no RGB LED pulsing PCB COOL (< 0.05 A) dfu-util fails
i	jon	More testing	Pass	Pass	Pass	Pass	0x60	0x0a	Not tested yet	Not tested yet	TBC	TBC			TBC	TBC Partia	Oscillator swapped and success !
,	jon	More testing	Pass	Pass	Pass	Pass	0x60	0x0a	Pass	Pass	TBC	TBC			TBC	TBC Partia	
3	jon	More testing	Pass	Pass	Pass	Pass	0x60	0x0a	Pass	Pass	TBC	TBC	TBC	TBC	TBC	TBC Partia	
)	jon	More testing	Pass	Pass	Pass	Pass	0x60	0x0a									SPI Flash okay, but no RGB LED pulsing PCB HOT (>1.25 A) likely oscillator issue :(Oscillator swap
10	jon	More testing	Pass	Pass	Pass	Pass	0x60	0x0a	Pass	Pass	TBC	TBC			TBC	TBC Partia	
11	jon	More testing	Pass	Pass	Pass	Pass	0x60 0x60	0x0a 0x0a	Pass Pass	Pass Pass	TBC	TBC TBC			TBC TBC		Oscillator swapped and success !
12 13	jon Jon	More testing Rework needed	Pass Pass	Pass Fail	Pass Fail	Pass	UXDU	uxua	rdSS	rass	IDL	IBC	IBC	IBC	IBL		SPI Flash okay, but no RGB LED pulsing PCB COOL (< 0.05 A) dfu-util fails
	JUII	Rework needed	L 922	ı dii	rall											Fail	JET FROM OKAY, DUE NO DOD LED PUISING PCD COOL (< 0.05 A) GTU-UTII TAIIS
roduction batch #2A		16 of 32 boards tha	: PASSED the simple "d	idn't draw hean	of current to	est" !											
Prototype Board id	Where	Status				Rockling USB flashed	DAC I2C	Audio Codec I2C	AFE Volume frequ	u AFE Pitch frequ	Audio Codec I2C / I2S	ESP32 I2C / SPI	DIP switches	Buttons	Spare FPGA pins	Microphone i Pass	Notes
14	andyg	Waiting for testing															
15	andyg	Waiting for testing															
16	andyg	Waiting for testing															
17	andyg	Waiting for testing															
18	andyg	Waiting for testing															
19	andyg	Waiting for testing															
20	andyg	Waiting for testing															
21	andyg	Waiting for testing															
22	andyg andyg	Waiting for testing Waiting for testing															
24	andyg	Waiting for testing															
25	andve	Waiting for testing															
26	andyg	Waiting for testing															
27	andyg	Waiting for testing															
28	andyg	Waiting for testing															
29	andyg	Waiting for testing	Waiting for Foboot														
Production batch #2B Prototype Board id	Where	16 of 32 boards tha Status	originally FAILED the			current test" ! Rockling USB flashed	DACIZO	Audia Cadas IZC	AFF Values from	AFF Ditab from	u Audio Codec I2C / I2S	FED33 13C / 5D1	DID audabas	Dutter	Casas FDC A sins	Missanhana i Dass	Notes
30	ion	Rework complete	Pass	Pass	Pass	Pass	0x60	0x0a	Art volume frequ	u AFE FILLII II EQ	Audio codec izc / izs	L3F32 12C / 3F1	DIF SWITCHES	Duttons	Spare FFGA pills	Wilcrophone 1 Pass	NOTES
31	jon	Rework complete	Pass	Pass	Pass	Pass	0x60	0x0a									
32	jon	Rework complete	Pass	Pass	Pass	Pass	0x60	0x0a									
33	jon	Rework complete	Pass	Pass	Pass	Pass	0x60	0x0a									
34	jon	Rework complete	Pass	Pass	Pass	Pass	0x60	0x0a									
35	jon	Rework complete	Pass	Pass	Pass	Pass	0x60	0x0a									
36	jon	Rework complete	Pass	Pass	Pass	Pass	0x60	0x0a									
37	jon	Rework complete	Pass	Pass	Pass	Pass	0x60	0x0a									
18	jon	Rework complete	Pass	Pass	Pass	Pass	0x60	0x0a									
19	jon	Rework complete	Pass	Pass	Pass	Pass	0x60	0x0a									
10 L1	jon	Rework complete Rework complete	Pass Pass	Pass Pass	Pass Pass	Pass Pass	0x60 0x60	0x0a 0x0a									
2	jon	Rework complete	Pass	Pass	Pass	Pass	0x60	0x0a									
13	ion	Rework complete	Pass	Pass	Pass	Pass	0x60	0x0a									
14	jon	Rework complete	Pass	Pass	Pass	Pass	0x60	0x0a	1								
15	jon	Rework complete	Pass	Pass	Pass	Pass	0x60	0x0a									
Production batch #3		To Be Manufacture															
Prototype Board id	Where	Status				Rockling USB flashed		Audio Codec I2C	AFE Volume frequ	u AFE Pitch frequ	u Audio Codec I2C / I2S	ESP32 I2C / SPI	DIP switches	Buttons	Spare FPGA pins		
6	andyg Jon	Rework complete Rework needed	Pass	Pass Fail	Pass Fail	Pass Fail	0x60	0x0a								Partia Fail	Shorts Raspberry Pi header
18	Jon	Rework needed	Pass	Fail	Fail	Fail										Fail	SPI Flash okay, but no RGB LED pulsing PCB COOL (< 0.05 A) dfu-util fails
19	Jon	Rework needed	Pass	Fail	Fail	Fail										Fail	SPI Flash okay, but no RGB LED pulsing PCB COOL (< 0.05 A) did-util fails SPI Flash okay, but no RGB LED pulsing PCB COOL (< 0.05 A) dfu-util fails
50	TBM		. 555													ı dil	2
1	TBM																
2	TBM																
3	TBM																
4	TBM																
5	TBM																
56	TBM																