Florian – unified BOM			
33R x 2	22pF x 2	1N4148 x 20	Alpha A100K x 3
47R x 1	100pF x 2		Alpha B100K x 9
100R x 8	470pF x 4	3mm red LED x 4	
470R x 2	2n2 x 4		Song Huei A100K x 6
820R x 2	5n6 x 2	BC549 x 6	Song Huei B100K x 8
1k x 18	10nF x 3	BC557 x 8	
1K2 x 2	22nF x 1	**DSG pinout FET x 2*** **	1K trimmer x 2
1K5 x 4	33nF x 1		2K trimmer x 4
1K8 x 1	100nF x 4	TL071 x 2	4K7 trimmer x 2
2K2 x 4	1uF BP x 3	TL072 x 15	10K trimmer x 5
3K x 2	10uF x 5	TL084 x 1	50K trimmer x 2
4K7 x 12	22uF x 2		100K trimmer x 2
5K6 x 1	47uF x 11	CD4024 x 1	
6K8 x 2		AS3310 x 1	Rotary switch x 2
8K2 x 4		LM13700 x 2	DPDT on/on/on x 2
10K x 32		**CA3046 x 2**** **	SPDT on/on x 3
10K 1% x 5 (x 2)*			SPDT on/off/on x 1
15K x 10		78L05 x 2	
18K x 2**		79L05 x 1	Female 40 pin header x 4
22K x 9		78L09 x 2	Male 40 pin header x 5
27K x 2			10 pin box header
33K x 9		8 pin IC socket x 17	3 pin 90 degree male header
47K x 16		14 pin IC socket x 4	x 1 (for LINK)
56K x 2		16 pin IC socket x 3	Jumper x 2
68K x 2			
82K x 2			3.5mm socket x 35
91K x 4			
100K x 34			Davies 1510 x 3
150K x 7			Davies 1900 x 11
180K x 4			Tall topper (for Res knob) x 1
200K x 2 **(see**)**			
220K x 4			
270K x 1			
470K x 4			
1M x 4	All resistors ¼		
2M x 3	watt metal film.		
2M2 x 2			

*** 10K 1% x 5 (x 2):** You need 2 sets of 5 matched resistors, one set for each VCO. These are the five matched resistors for the octave switch voltage divider ladder. They don't have to be 10K exactly, they just have to be matched to each other, so for example if they are all 9.98K that's fine. Grab a bunch of 10K resistors, measure each one, make little piles of 10k, 9.99K, 9.98K etc. Before long one of the piles will have five resistors in it, that's your matched set! Should only take 5 minutes.

****18K**: Best to reduce the 18K to 16K5 by soldering a 200K in parallel. Give more useful range to Scale trimmer

*****DSG pinout FET**: Use whatever is easiest to source, but watch the polarity.

******CA3046**: or AS3046, or UL1111, or SMD LM3046, or CA3086 etc, etc, etc.

Rick Holt 01/05/25

https://frequencycentral.co.uk/