

<b>IC-705 PTT buffer out board, vk3</b>				
	20th Apr 2021	drafted	vk3pe	
"1206-0805" means either a 1206 or 0805 part can be fitted (0805 preferred)				
<b>Changes:</b>	<b>Part Type</b>	<b>Designator</b>	<b>Footprint</b>	<b>Description</b>
	10nF X7R	C1	1206-0805	
	100nF X7R	C2	1206-0805	
	1N400x	D1	DIODE0.4	Diode
	HEADER 3PIN	J1	SIP3	3 pin 0.1" male header
	HEADER 3PIN	J2	SIP3	3 pin 0.1" male header
	STEREO-SKT 3.5mm	J3	STEREO_3.5	
	LED-PTT	LED1	LED	LED SMD
	2N7000	Q1	TO-92B	N-channel junction fet
	2N7000	Q2	TO-92B	N-channel junction fet
	100k	R1	1206-0805	
	100k	R2	1206-0805	
	1M	R3	1206-0805	
	4k7	R4	1206-0805	
<b>Optional relay output</b>				
	G5V, HK19F-DC	RELAY1	RELAY-G5V-2	
	1N400x	D2	DIODE0.4	Diode
<b>Version 2.0 PCB</b>			<b>It's also possible to fit these parts or using the spare through hole pads</b>	
	Zener 4v7 or 5v6 ?	D3	DIODE0.4	axial diode
	1k5	R5	1206-0805	
	10k ?	R6	1206-0805	

<b>3pe</b>
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<b>NOTES</b>
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any 1N4000 series diode optional, as J3 normally used.
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see pictures for correct type 3mm colour as you wish through hole part through hole part
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HK19F-DC (12v) on eBay any 1N4000 series diode
<b>to the V1 PCB, on the board.</b>
bend to 0.4" pitch
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