

IC-705 PTT buffer out board, vk3pe					
20th Apr 2021	drafted	vk3pe			
"1206-0805" means either a 1206 or 0805 part can be fitted (0805 preferred)					
Changes:	Part Type	Designator	Footprint	Description	NOTES
	10nF X7R	C1	1206-0805		*
	100nF X7R	C2	1206-0805		*
	1N400x	D1	DIODE0.4	Diode	any 1N4000 series diode
	HEADER 3PIN	J1	SIP3	3 pin 0.1" male header	optional, as J3 normally used.
	HEADER 3PIN	J2	SIP3	3 pin 0.1" male header	*
	STEREO-SKT 3.5mm	J3	STEREO_3.5		see pictures for correct type
	LED-PTT	LED1	LED	LED SMD	3mm colour as you wish
	2N7000	Q1	TO-92B	N-channel junction fet	through hole part
	2N7000	Q2	TO-92B	N-channel junction fet	through hole part
	100k	R1	1206-0805		*
	100k	R2	1206-0805		*
	1M	R3	1206-0805		*
	4k7	R4	1206-0805		*
Optional relay output					
	G5V, HK19F-DC	RELAY1	RELAY-G5V-2		HK19F-DC (12v) on eBay
	1N400x	D2	DIODE0.4	Diode	any 1N4000 series diode
Version 2.0 PCB only (not yet tried)			It's also possible to fit these parts onto the V1 PCB, using the spare through hole pads on the board.		
	Zener 3v9 ?	D3	DIODE0.4	axial diode	bend to 0.4" pitch
	1k5	R5	1206-0805		*
	10k ?	R6	1206-0805		*