

USB Keyboard Shield for VT100 2.1 BOM

Title					
Revision		2.1			
Date		2018 June 07			
Generated		2018 June 07			
Total Parts	29				
Total Unique Parts	18				
Ref	Qty	Value	Footprint	Datasheet	Notes
C1	1	.047uF	Capacitors_THT:C_Disc_D5.0mm_W2.5mm_P2.50mm		
C2	1	6800pF	Capacitors_THT:C_Disc_D5.0mm_W2.5mm_P2.50mm		
J1	1	VT100_Kbd	Pin_Headers:Pin_Header_Angled_1x05		
J2	1	To_AMP	Pin_Headers:Pin_Header_Straight_1x04		Optional
R1 R12	2	2k	Resistors_THT:R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal		
R2 R4	2	20k	Resistors_THT:R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal		
R3 R9 R10 R13 R14	5	10k	Resistors_THT:R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal		
R5	1	1M	Resistors_THT:R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal		
R6 R7 R11	3	1k	Resistors_THT:R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal		
R8 R16	2	4k7	Resistors_THT:R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal		
R15 R17	2	68k	Resistors_THT:R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal		
R18	1	47k	Resistors_THT:R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal		
RN1 RN2	2	680	Resistors_THT:R_Array_SIP7		
SHIELD1	1	ARDUINO_FOOTPRINT	usbkbd_vt100:ARDUINO_SHIELD_NOICSP		PCB
U1	1	LED10ARRAY	Housings_DIP:DIP-20_W7.62mm		http://www.microtivity.com/p/IS601/10-segment-led-di
U2	1	LM393	Housings_DIP:DIP-8_W7.62mm_Socket		
U3	1	74LS06N	Housings_DIP:DIP-14_W7.62mm_Socket		
U4	1	BUZZER	Buzzers_Beepers: buzzer_12x9.5RM7.6		
BOM made with KICAD_BOM_WIZARD (https://github.com/HashDefineElectronics/KiCad_BOM_Wizard.git)					
Generated 2018 June 01					