

ft230x-breakout

Source: ft230x-breakout.kicad_sch									
Revision:	1.0								
Component Count:	19								
Collated Components:									
Item	Qty	Reference(s)	Value	LibPart	Footprint	Datasheet	DNP	Mouser	Part
1	1	C101	10nF	Device:C_Small	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	-			
2	1	C102	4.7uF	Device:C_Polarized_Small	Capacitor_Tantalum_SMD:CP_EIA-2012-15_AVX-P_Pad1.30x1.05mm_HandSolder	-		647-F951E475MPAAQ2	Kyocera AVX F951E475MPAAQ2
3	2	C103, C106	100nF	Device:C_Small	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	-			
4	2	C104, C105	47pF	Device:C_Small	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	-			
5	1	D101	Tx	Device:LED	LED_SMD:LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder	-		710-150080G575000	Würth 150080G575000
6	1	D102	Rx	Device:LED	LED_SMD:LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder	-		710-150080RS75000	Würth 150080RS75000
7	1	FB101	FerriteBead_Small	Device:FerriteBead_Small	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	https://www.mouser.com/datasheet/2/987/m0805k400r_10_datasheet_2947075.pdf		875-M0805K400R-10	Land M0805K400R-10
8	1	J101	USB_B_Micro	Connector:USB_B_Micro	Connector_USB:USB_Micro-B_Molex-105017-0001	-		538-105017-0001	Molex 105017-0001
9	2	J103, J104	Conn_01x05_Pin	Connector:Conn_01x05_Pin	Connector_PinHeader_2.54mm:PinHeader_1x05_P2.54mm_Vertical	-			
10	2	JP101, JP102	Jumper_2_Bridged	Jumper:Jumper_2_Bridged	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical	-			
11	2	R101, R102	27R	Device:R_Small	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	-			
12	2	R103, R104	270R	Device:R_Small	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	-			
13	1	U101	FT230XS	Interface_USB:FT230XS	Package_SO:SSOP-16_3.9x4.9mm_P0.635mm	https://www.ftchip.com/Support/Documents/DataSheets/ICs/GS_FT230XS.pdf			