



Title		
Size	Number	Revision
A3		
Date:	12.15.2021	Sheet of
File:	C:\altium workspace\...\USB-UART.SchDoc	Drawn By:

Designator	Quantity	MF	MP	Value	Package	Description	Instructions	Type	HelpURL	ChipDip_Link	Name
C1	1	Murata Electronics	GRM188R71C105KA12D	1u	0603	SMD Capacitor X7R(EIA) with Capacitance: 1.0uF Tol. 10%. Rated Voltage: 16Vdc		SMD	https://static.chipdip.ru/lib/428/DOC005428493.pdf	https://www.chipdip.ru/product/grm188r71c105ka12d	GRM188R71C105KA12D
C2	1	AVX	GX035C104MAT2-500	0.1u	0603 AVX	Cap Thin Film 0.1uf 50v 0603		SMD		https://www.chipdip.ru/product/t0/9000410929	GX035C104MAT2-500
D1	1		0603-LED-BLUE		0603 Lite-On	LED IrLED Chip LED 2-Pin SMD T/R		SMD			0603-LED-BLUE
ESP-PROG	1	JST Sales	BM06B-GHS-TBT_LF__SN__N_		None	Conn Header Gh Top 6pos 1.25mm	DNP				BM06B-GHS-TBT(LF)(SN)(N)
P1	1					USB - micro A	DNP				USB type A
P2	1		PLS-4R (DS1022-1x4R)			Header, 4-Pin					Side Header 4
R1, R4	2	Yageo or NXP	RC0603FR-0710KL	10k	R0603	10 kOhms 1 0.1 W 1 10 W Chip Resistor 0603 1608 Metric Thick Film		SMD	https://www.yageo.com/upload/media/product/search/data-sheet/rchip/PYu-RC_Group_51_RoHS_L_10.pdf	https://www.chipdip.ru/product/t0/9000079736	RC0603FR-0710KL
R2, R3	2	Yageo or NXP	RC0603FR-07330RL	330	R0603	330 Ohms ±1% 0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Thick Film		SMD	https://www.yageo.com/upload/media/product/search/data-sheet/rchip/PYu-RC_Group_51_RoHS_L_10.pdf	https://www.chipdip.ru/product/t0/9000079628	RC0603FR-07330RL
R5	1	Yageo or NXP	RC0603FR-074K7L	4.7k	R0603	4.7 kOhms ±1% 0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Thick Film		SMD	https://www.yageo.com/upload/media/product/search/data-sheet/rchip/PYu-RC_Group_51_RoHS_L_10.pdf	https://www.chipdip.ru/product/t0/9000079736	RC0603FR-074K7L
R6	1	Yageo or NXP	RC0603FR-071KL	1k	R0603	1 kOhms ±1% 0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Moisture Resistant Thick Film		SMD	https://www.yageo.com/upload/media/product/search/data-sheet/rchip/PYu-RC_Group_51_RoHS_L_10.pdf		RC0603FR-071KL
T1, T2	2	{'manufacturer': 'u'Rectron'}	BC847		None	NPN TRANSISTOR					BC847
U1	1	{'manufacturer': 'u'Silicon Labs'}	CP2102N-A01-GQFN28		None	Ic Bridge Usb To Uart 28qfn					CP2102N-A01-GQFN28