RS485 GPIO BOM

Item #	Reference Designator	Qty	Manufacturer	Mfg Part #	Description / Value	Package/Footprint	Type	Instructions / Notes
1	C5 C6 C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20	16	Samsung	CL21B102KBANNNC	CAP CER 1000PF 50V X7R 0805	0805	SMD	
2	C1 C2 C3	3	Samsung	CL21B104KBCNNWC	CAP CER 0.1UF 50V X7R 0805	0805	SMD	
3	C4	1	Samsung	CL21B105KBFNNNE	CAP CER 1UF 50V X7R 0805	0805	SMD	
4	D1	1	Wurth Elektronik	150080VS75000	LED SMD WL-SMCW TpVw Waterclr 0805 BrtGrn	0805	SMD	
5	J3 J5	1	Sullins	PREC002SAAN-RC	Connector Header Through Hole 2 position 0.1"	2POS	THRU-HOLE	
6	J1 J2	1	Sullins	PREC003SAAN-RC	Connector Header Through Hole 3 position 0.1"	3POS	THRU-HOLE	
7	J4	1	3M	30334-6002HB	CONN HEADER VERT 34POS 2.54MM	34 Pin	THRU-HOLE	
8	R4	1	Panasonic	ERJ-6GEYJ121V	RES SMD 120 OHM 5% 1/8W 0805	0805	SMD	
9	R3 R5 R6 R7 R8 R9 R10 R11 R12 R13 R14 R15 R16 R17 R18 R19 R20 R21	18	Panasonic	ERJ-6GEYJ102V	RES SMD 1K OHM 5% 1/8W 0805	0805	SMD	
10	R1 R2	2	Panasonic	ERJ-6GEYJ103V	RES SMD 10K OHM 5% 1/8W 0805	0805	SMD	
11	U1	1	Microchip	ATTINY1604-SSNR	IC MCU 8BIT 16KB FLASH 14SOIC	SOIC-14	SMD	
12	U2	1	Maxim	MAX485ESA	RS-422/RS-485 Interface IC Low-Power Transceiver	SOIC-8	SMD	
13	U3	1	Texas Instruments	PCF8575DWR	IC XPNDR 400KHZ I2C SMBUS 24SOIC	SOIC-24	SMD	