


<b>Project:</b>		<b>RSL10_MCU.PrjPcb</b>										<b>Bill of Materials</b>
Source Data From:		RSL10_MCU.PrjPcb										
Project:		RSL10_MCU.PrjPcb										<b>Solution Engineering Center</b>
Variant:		standard_board										<b>Piestany</b>
Report Date:		18/July 2019		8:40								
Print Date:		12/11/2019		13:12:39								
#	Designator	Comment	Description	LibRef	SourceLibraryName	Manufacturer	Manufacturer Part Number	Supplier	Supplier Part Number	Supplier 2	Supplier Part Number 2	Quantity
1.	C1		1µF	MLCC capacitor 1µF 25V XSR 20% Wurth Electronics	885012106022	Würth Elektronik	885012106022	Würth Elektronik	885012106022			1
2.	C2		100 µF	MLC capacitor 100µF 50V CGO 5% Murata	GRM1555C1H101JA01D	Murata	GRM1555C1H101JA01D	Digi-Key	490-5922-1-ND	Mouser	81-GRM1555C1H101JA1D	1
3.	C3, C4		22 µF	MLC capacitor 22µF 10V XSR 20% Wurth Electronics	885012107011	Würth Elektronik	885012107011	Digi-Key	732-7621-1-ND	Mouser	710-885012107011	2
4.	C5		100 nF	MLC capacitor 100nF 16V XSR 20% Murata	GRM219R71C104MA01D	Murata	GRM219R71C104MA01D	Mouser	81-GRM21R71C104MA01D	Murata	GRM219R71C104MA01D	1
5.	C6		100 nF	MLC capacitor 100nF 50V X7R 10% Murata	GRM155R71H104KE14D	Murata	GRM155R71H104KE14D	Digi-Key	490-10700-1-ND	Mouser	81-GRM155R71H104KE4D	1
6.	CON1	613 018 110 21	PTH right angle receptacle 1x18 2.54mm Würth Elektronik	61301811021	Würth Elektronik	Würth Elektronik	61301811021	Würth Elektronik	61301811021	Mouser	710-61301811021	1
7.	CON2	FTSH-105-01-F-DV-K	SMD vertical male header 25pins 1.27mm Samtec	FTSH-105-01-F-DV-K	Samtec	Samtec	FTSH-105-01-F-DV-K	Digi-Key	5AM8706-ND	Samtec	FTSH-105-01-F-DV-K	1
8.	PB_FOTA, PB_RST	430 182 043 816	SMD pushbutton top actuated 6x6x4.3mm Würth Elektronik	430182043816	Würth Elektronik	Würth Elektronik	430182043816	Digi-Key	732-7004-1-ND	Farnell	2065105	2
9.	PMOD1	613 012 243 121	PTH right angle receptacle 2x6 2.54mm Würth Elektronik	613012243121	Würth Elektronik	Würth Elektronik	613012243121	Würth Elektronik	613012243121			1
#	R1, R2, R3, R12		10k	SMD thick film resistor 10k 0402 1% 100 mW Panasonic	ERJ2RKF1002X	Panasonic	ERJ2RKF1002X	Farnell	2302739	Mouser	667-ERJ-2RKF1002X	4
#	R4		100k	SMD thick film resistor 100k 0402 1% 100 mW Panasonic	ERJ2RKF1002X	Panasonic	ERJ2RKF1002X	Farnell	2302839	Mouser	667-ERJ-2RKF1002X	1
#	RS, R6		68	SMD thick film resistor 68R 0402 1% 100 mW Panasonic	ERJ2RKF68R0X	Panasonic	ERJ2RKF68R0X	Farnell	2302508	Mouser	667-ERJ-2RKF68R0X	2
#	R7, R8, R9		1k	SMD thick film resistor 1k 0805 1% 125 mW Panasonic	ERJ6ENF1001V	Panasonic	ERJ6ENF1001V	Digi-Key	P1.00KCTT-ND	Mouser	667-ERJ-6ENF1001V	3
#	R10, R11		4k7	SMD thick film resistor 4k7 0402 1% 100 mW Panasonic	ERJ2RKF4701X	Panasonic	ERJ2RKF4701X	Farnell	2302707	Mouser	667-ERJ-2RKF4701X	2
#	U1	RSL10 SIP	RSL10: Radio SoC, Bluetooth® 5 Certified IC System in Package (SIP) ON Semiconductor	NCH-RSL10-101551	ics.SVNDbLib	ON Semiconductor	NCH-RSL10-101551	Digi-Key	NCH-RSL10-101551-ACGOSCT-ND	Mouser	863-NCHRSL1010551ACG	1