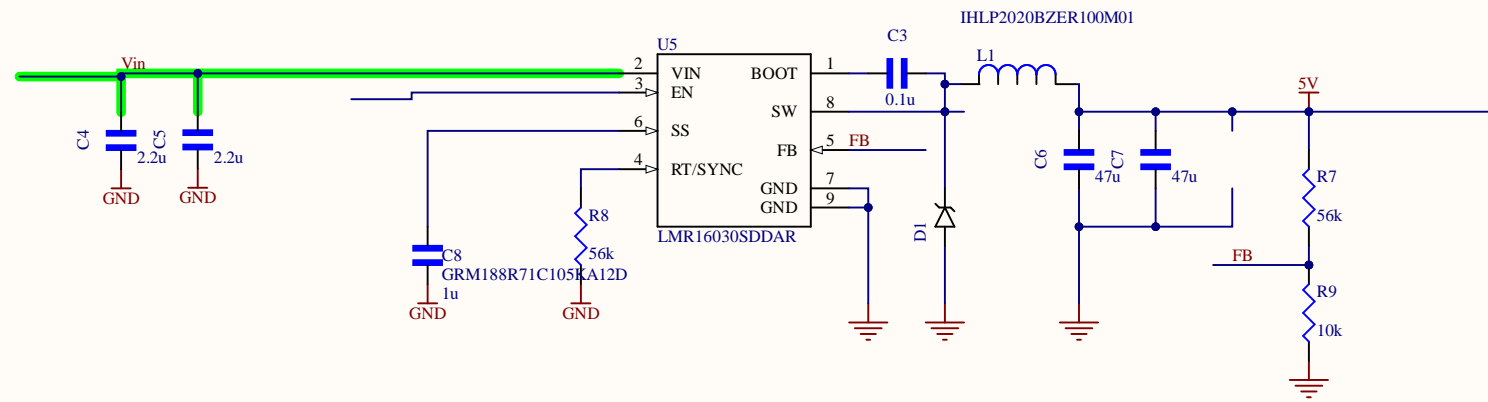
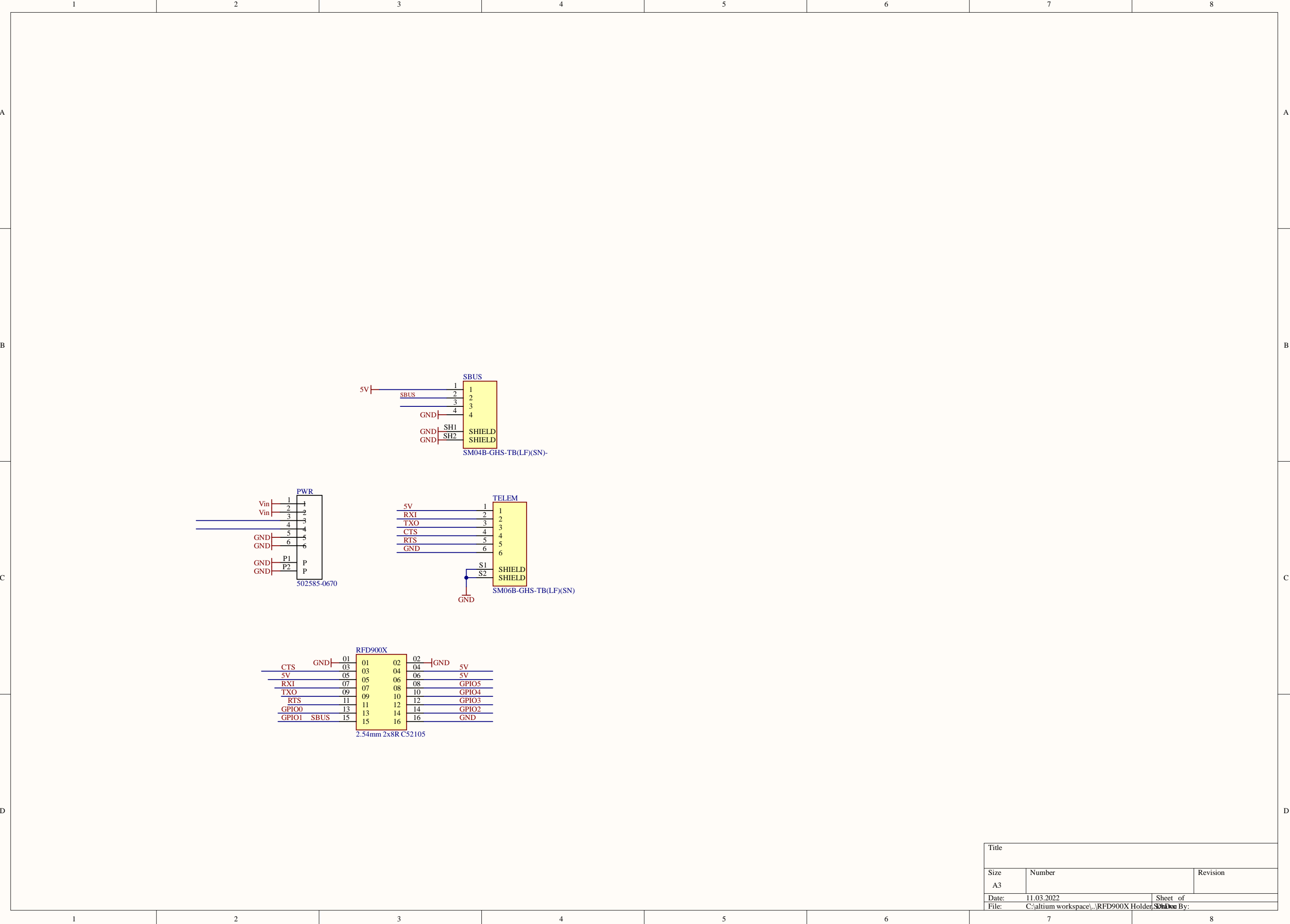


Project Version  
Sheet Revision 8

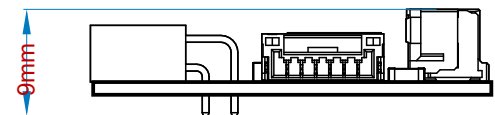
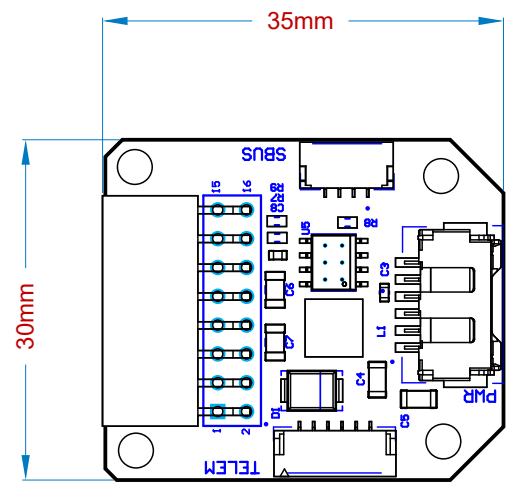


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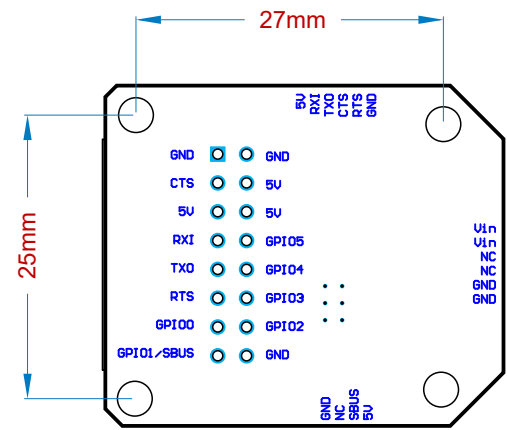


Title		
Size	Number	Revision
A3		
Date:	11.03.2022	Sheet of
File:	C:\altium workspace\...\RFD900X Holder	Sheet of

TOP SIDE



BOTTOM SIDE



- 1. Max input voltge over 5.3 V
- 2. Max input voltge over CAN HV 30 V



Designator	Quantity	MF	MP	Value	Package	Description	Instructions	Type	HelpURL	ChipDip_Link	Name
C3	1	AVX	GX035C104MAT2-500	0.1u	0603 AVX	Cap Thin Film 0.1uF 50v 0603		SMD		<a href="https://www.chipdip.ru/product/0/9000410929">https://www.chipdip.ru/product/0/9000410929</a>	GX035C104 MAT2-500
C4, C5	2	Murata Electronics	GRM31CR71H225KA88L	2.2u	1206 Murata	1206 2.2 uF 50 V B±10% Tolerance X7R SMT Multilayer Ceramic Capacitor		SMD		<a href="https://www.chipdip.ru/product/grm31cr71h225ka88l">https://www.chipdip.ru/product/grm31cr71h225ka88l</a>	GRM31CR71 H225KA88L
C6, C7	2	Murata Electronics	GRM31CR61A476KE15L	47u	1206 Murata Electronics	Multilayer Ceramic Capacitor, GRM Series, 47 - F, - 10%, X5R, 10 V, 1206 [3216 Metric]		SMD		<a href="https://www.chipdip.ru/product/0/8001779807">https://www.chipdip.ru/product/0/8001779807</a>	GRM31CR61 A476KE15L
C8	1	Murata Electronics	GRM188R71C105KA12D	1u	0603	SMD Capacitor X7R(EIA) with Capacitance: 1.0uF Tol. 10%. Rated Voltage: 16Vdc		SMD	<a href="https://static.chipdip.ru/lib/428/DOC005428493.pdf">https://static.chipdip.ru/lib/428/DOC005428493.pdf</a>	<a href="https://www.chipdip.ru/product/grm188r71c105ka12d">https://www.chipdip.ru/product/grm188r71c105ka12d</a>	GRM188R71 C105KA12D
D1	1	Littelfuse Inc.	SK56		DO-214 Littelfuse	Диод Шоттки 5A 60V [SMB / DO-214AA]		SMD		<a href="https://www.chipdip.ru/product/sk56">https://www.chipdip.ru/product/sk56</a>	SK56
L1	1	Vishay Dale	IHLP2020BZER100M01		Nonstandard Vishay	10µH Shielded Molded Inductor 2.3A 199mOhm Max Nonstandard		SMD	<a href="http://www.vishay.com/docs/34253/ihlp-2020bz-01.pdf">http://www.vishay.com/docs/34253/ihlp-2020bz-01.pdf</a>	<a href="https://www.chipdip.ru/product/ihlp2020bzer100m11-inductor-ihlp-smd-2020-10">https://www.chipdip.ru/product/ihlp2020bzer100m11-inductor-ihlp-smd-2020-10</a>	IHLP2020BZE R100M01
PWR	1	Molex	502585-0670		None	1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Surface Mount, Right- Angle, Tin Plating, Positive Lock, 6 Circuits, Natural		SMD			502585-0670
R7, R8	2	Yageo or NXP	RC0603FR-0756KL	56k	R0603	56 kOhms ±1% 0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Moisture Resistant Thick Film		SMD	<a href="https://www.yageo.com/upload/media/product/productsearch/data-sheet/rchip/PYu-RC_Group_51_RoHS_L_10.pdf">https://www.yageo.com/upload/media/product/productsearch/data-sheet/rchip/PYu-RC_Group_51_RoHS_L_10.pdf</a>	<a href="https://www.chipdip.ru/product/0/9000079754">https://www.chipdip.ru/product/0/9000079754</a>	RC0603FR- 0756KL
R9	1	Yageo or NXP	RC0603FR-0710KL	10k	R0603	10 kOhms 1 0.1 W 1 10 W Chip Resistor 0603 1608 Metric Thick Film		SMD	<a href="https://www.yageo.com/upload/media/product/productsearch/data-sheet/rchip/PYu-RC_Group_51_RoHS_L_10.pdf">https://www.yageo.com/upload/media/product/productsearch/data-sheet/rchip/PYu-RC_Group_51_RoHS_L_10.pdf</a>	<a href="https://www.chipdip.ru/product/0/9000079736">https://www.chipdip.ru/product/0/9000079736</a>	RC0603FR- 0710KL
RFD900X	1	BOOMELE	C52105		None				<a href="https://item.szlcsc.com/53119.html">https://item.szlcsc.com/53119.html</a>		2.54mm 2x8R C52105
SBUS	1	JST Sales	SM04B-GHS-TB(LF)(SN)		None	Connector Header Surface Mount, Right Angle 4 position 0.049 1.25mm			<a href="http://www.farnell.com/datasheets/2082975.pdf">http://www.farnell.com/datasheets/2082975.pdf</a>	<a href="https://www.chipdip.ru/product/sm04b-ghs-tb-lf-sn-gh-1.25mm-header-side-ent">https://www.chipdip.ru/product/sm04b-ghs-tb-lf-sn-gh-1.25mm-header-side-ent</a>	SM04B-GHS- TB(LF)(SN)-
TELEM	1	JST Sales	SM06B-GHS-TB_LF__SN__		None	Connector Header Surface Mount, Right Angle 6 position 0.049" (1.25mm)			<a href="http://www.farnell.com/datasheets/2082975.pdf">http://www.farnell.com/datasheets/2082975.pdf</a>	<a href="https://www.chipdip.ru/product/0/8002005407">https://www.chipdip.ru/product/0/8002005407</a>	SM06B-GHS- TB(LF)(SN)
U5	1	Texas Instruments	LMR16030SDDAR		PowerSOIC-8 Texas Instruments	LMR16030SDD AR, Conv DC- DC 4.3V to 60V Step Down Single-Out 1V to 50V 3A Automotive 8- Pin HSOP EP T/R		SMD	<a href="https://www.ti.com/lit/ds/symlink/lmr16030.pdf">https://www.ti.com/lit/ds/symlink/lmr16030.pdf</a>	<a href="https://www.chipdip.ru/product/0/8003448566">https://www.chipdip.ru/product/0/8003448566</a>	LMR16030SD DAR