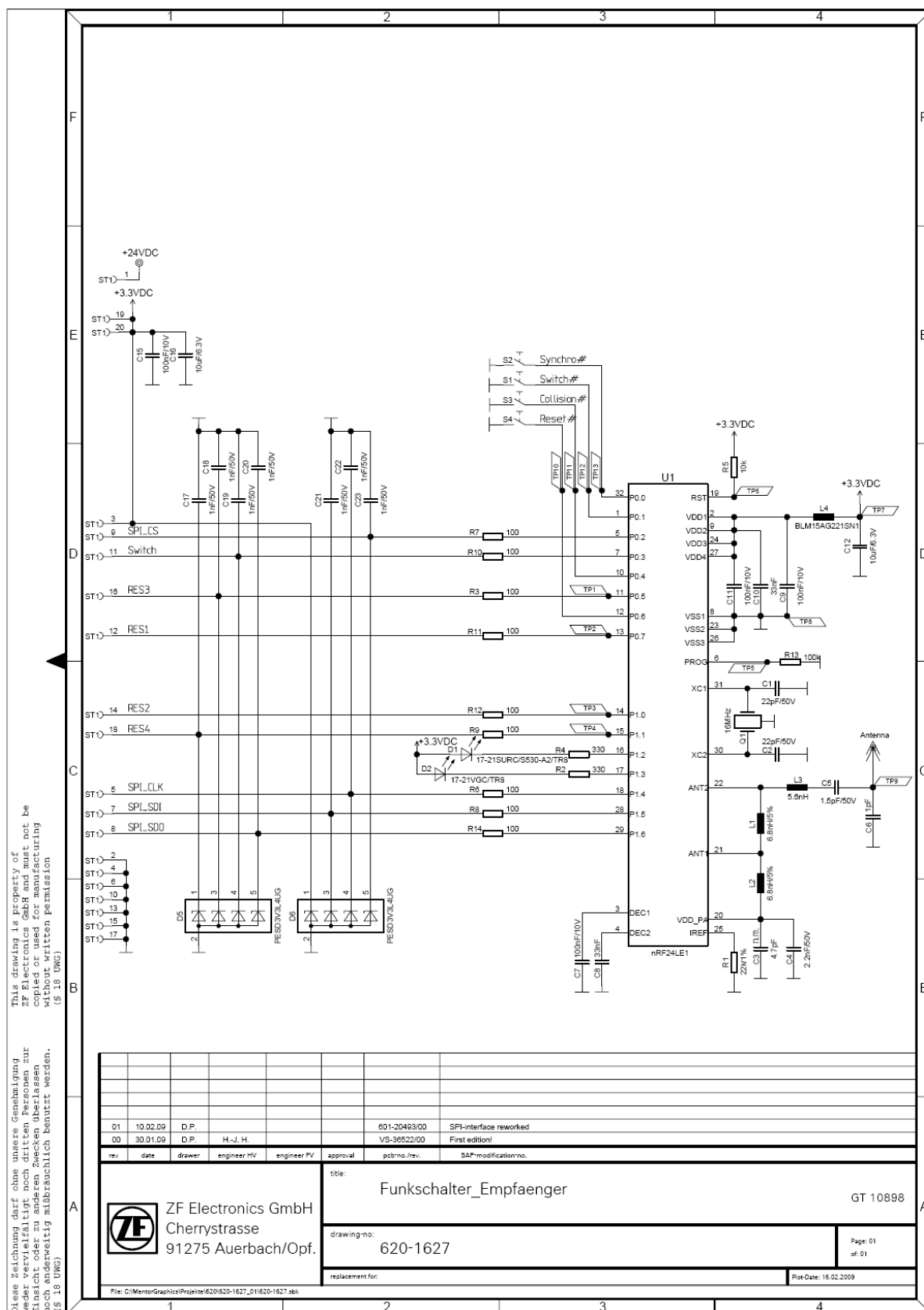


Schematic Receiver



**BOM Receiver**

Designator	Part Description	Pcs.
ST1	PCB Connector 20pin	1
Q1	Crystal 16MHz ± 15 ppm (TSX-3225)	1
R13	Resistor 100k, 5%	1
C6	Capacitor 1pF $\pm 0,1$ pF, 50V, NPO	1
C3	Capacitor 4.7pF 5%, NPO	1
C5	Capacitor 1.5pF $\pm 0,1$ pF, 50V, NPO	1
U1	ASIC nRF24LE1, QFN32, (Nordic Semiconductor)	1
L1-L2	Inductor 6.8nH/5% (wired wound)	2
L3	Inductor 5.6nH/5% (wired wound)	1
D1	LED (red) 17-21SURC/S530-A2/TR8	1
D2	LED (green) 17-21VGC/TR8	1
R5	Resistor 10k 5%	1
R3,R6-R12,R14	Resistor 100R 5%	9
R2,R4	Resistor 330R 5%	2
R1	Capacitor 22k 1%	1
C12,C16	Capacitor 10uF 10%, 6.3V	2
C17-C23	Capacitor 1nF 5%, 50V	7
C1-C2	Capacitor 22pF 5%, 50V	2
C8,C10	Capacitor 33nF 5%, 50V	2
C4	Capacitor 2.2nF 5%, 50V	1
C7,C9,C11,C15	Capacitor 100nF $\pm 80/-20\%$, 10V	4
L4	Bead BLM15AG221SN1	1
	PCB Material: FR4, d=1.0mm	1