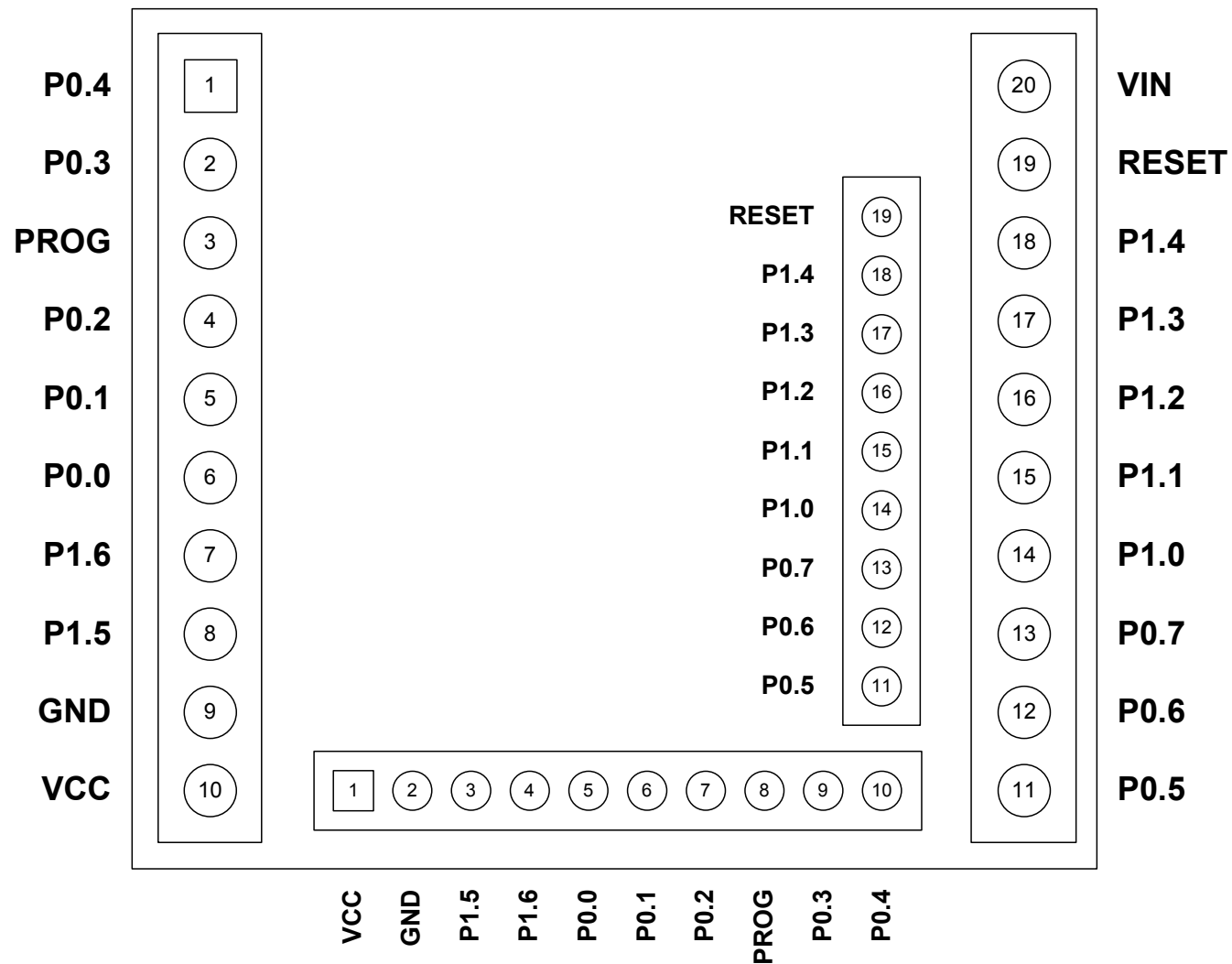


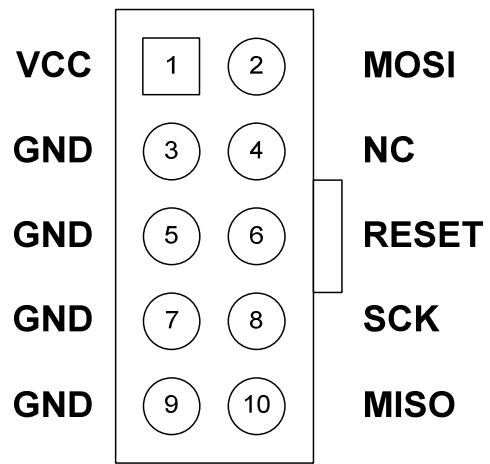
## NRF24LE1 Module and Adapter programming and pin functions table

Pin number		Pin name	Functions*					Pin number		Pin name
<i>Adapter</i>	<i>Module</i>	<i>Name</i>	<i>F1</i>	<i>F2</i>	<i>F3</i>	<i>F4</i>	<i>F5</i>	<i>ISP Cable</i>	<i>ISP Programmer</i>	<i>Name</i>
1	10	P0.4	I/O	UART RX	–	AIN4	W2SCL	–	–	–
2	9	P0.3	I/O	UART TX	PWM1	AIN3	–	–	–	–
3	8	PROG	PROG	–	–	–	–	3, 5, 7, 9	4, 6, 8, 10	GND
4	7	P0.2	I/O	–	PWM0	AIN2	–	–	–	–
5	6	P0.1	I/O	CLKLF	–	AIN1	–	–	–	–
6	5	P0.0	I/O	CLKLF	–	AIN0	–	–	–	–
7	4	P1.6	I/O	–	MMISO	–	–	–	–	–
8	3	P1.5	I/O	–	MMOSI	–	–	–	–	–
9	2	GND	–	–	–	–	–	3, 5, 7, 9	4, 6, 8, 10	GND
10	1	VCC (3.3V)	–	–	–	–	–	1	2	VCC
11	11	P0.5	I/O	GPINT0	S/FSCCK	AIN5	W2SDA	–	–	–
12	12	P0.6	I/O	GPINT1	–	AIN6	–	–	–	–
13	13	P0.7	I/O	T0	S/FMOSI	AIN7	OCITCK	2	1	MOSI
14	14	P1.0	I/O	T1	S/FMISO	AIN8	OCITMS	10	9	MISO
15	15	P1.1	I/O	–	S/FCSN	AIN9	OCITDI	6	5	RESET
16	16	P1.2	I/O	–	–	AIN10	OCITDO	–	–	–
17	17	P1.3	I/O	–	–	–	OCITO	–	–	–
18	18	P1.4	I/O	–	MSCK	–	–	8	7	SCK
19	19	RESET	RST	–	–	–	–	1	2	VCC
20	–	VIN (4.8-15V)	–	–	–	–	–	–	–	–

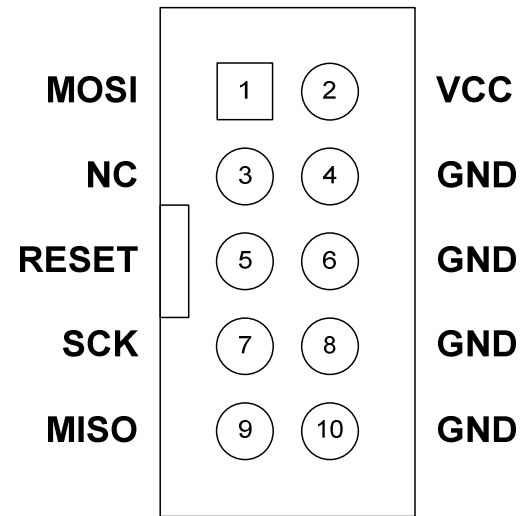
\* – for more information refer to the NRF24LE IC datasheet, page 137 (17.3.2 Pin assignments in package 32 pin 5x5 mm)



**NRF24LE1 Module and Adapter**



**ISP Programmer Cable**



**ISP Programmer Connector**

## NRF24LE1 Adapter stickers on plug sides

P0.1	P0.2	P0.3	P0.4	P0.5	P0.6	P0.7	P0.8	P0.9	P1.0	P1.1	P1.2	P1.3	P1.4	P1.5	P1.6	P1.7	P1.8	P1.9	P2.0	P2.1	P2.2	P2.3	P2.4	P2.5	P2.6	P2.7	P2.8	P2.9	P3.0	P3.1	P3.2	P3.3	P3.4	P3.5	P3.6	P3.7	P3.8	P3.9	P4.0	P4.1	P4.2	P4.3	P4.4	P4.5	P4.6	P4.7	P4.8	P4.9	P5.0	P5.1	P5.2	P5.3	P5.4	P5.5	P5.6	P5.7	P5.8	P5.9	P6.0	P6.1	P6.2	P6.3	P6.4	P6.5	P6.6	P6.7	P6.8	P6.9	P7.0	P7.1	P7.2	P7.3	P7.4	P7.5	P7.6	P7.7	P7.8	P7.9	P8.0	P8.1	P8.2	P8.3	P8.4	P8.5	P8.6	P8.7	P8.8	P8.9	P9.0	P9.1	P9.2	P9.3	P9.4	P9.5	P9.6	P9.7	P9.8	P9.9	P10.0	P10.1	P10.2	P10.3	P10.4	P10.5	P10.6	P10.7	P10.8	P10.9	P11.0	P11.1	P11.2	P11.3	P11.4	P11.5	P11.6	P11.7	P11.8	P11.9	P12.0	P12.1	P12.2	P12.3	P12.4	P12.5	P12.6	P12.7	P12.8	P12.9	P13.0	P13.1	P13.2	P13.3	P13.4	P13.5	P13.6	P13.7	P13.8	P13.9	P14.0	P14.1	P14.2	P14.3	P14.4	P14.5	P14.6	P14.7	P14.8	P14.9	P15.0	P15.1	P15.2	P15.3	P15.4	P15.5	P15.6	P15.7	P15.8	P15.9	P16.0	P16.1	P16.2	P16.3	P16.4	P16.5	P16.6	P16.7	P16.8	P16.9	P17.0	P17.1	P17.2	P17.3	P17.4	P17.5	P17.6	P17.7	P17.8	P17.9	P18.0	P18.1	P18.2	P18.3	P18.4	P18.5	P18.6	P18.7	P18.8	P18.9	P19.0	P19.1	P19.2	P19.3	P19.4	P19.5	P19.6	P19.7	P19.8	P19.9	P20.0	P20.1	P20.2	P20.3	P20.4	P20.5	P20.6	P20.7	P20.8	P20.9	P21.0	P21.1	P21.2	P21.3	P21.4	P21.5	P21.6	P21.7	P21.8	P21.9	P22.0	P22.1	P22.2	P22.3	P22.4	P22.5	P22.6	P22.7	P22.8	P22.9	P23.0	P23.1	P23.2	P23.3	P23.4	P23.5	P23.6	P23.7	P23.8	P23.9	P24.0	P24.1	P24.2	P24.3	P24.4	P24.5	P24.6	P24.7	P24.8	P24.9	P25.0	P25.1	P25.2	P25.3	P25.4	P25.5	P25.6	P25.7	P25.8	P25.9	P26.0	P26.1	P26.2	P26.3	P26.4	P26.5	P26.6	P26.7	P26.8	P26.9	P27.0	P27.1	P27.2	P27.3	P27.4	P27.5	P27.6	P27.7	P27.8	P27.9	P28.0	P28.1	P28.2	P28.3	P28.4	P28.5	P28.6	P28.7	P28.8	P28.9	P29.0	P29.1	P29.2	P29.3	P29.4	P29.5	P29.6	P29.7	P29.8	P29.9	P30.0	P30.1	P30.2	P30.3	P30.4	P30.5	P30.6	P30.7	P30.8	P30.9	P31.0	P31.1	P31.2	P31.3	P31.4	P31.5	P31.6	P31.7	P31.8	P31.9	P32.0	P32.1	P32.2	P32.3	P32.4	P32.5	P32.6	P32.7	P32.8	P32.9	P33.0	P33.1	P33.2	P33.3	P33.4	P33.5	P33.6	P33.7	P33.8	P33.9	P34.0	P34.1	P34.2	P34.3	P34.4	P34.5	P34.6	P34.7	P34.8	P34.9	P35.0	P35.1	P35.2	P35.3	P35.4	P35.5	P35.6	P35.7	P35.8	P35.9	P36.0	P36.1	P36.2	P36.3	P36.4	P36.5	P36.6	P36.7	P36.8	P36.9	P37.0	P37.1	P37.2	P37.3	P37.4	P37.5	P37.6	P37.7	P37.8	P37.9	P38.0	P38.1	P38.2	P38.3	P38.4	P38.5	P38.6	P38.7	P38.8	P38.9	P39.0	P39.1	P39.2	P39.3	P39.4	P39.5	P39.6	P39.7	P39.8	P39.9	P40.0	P40.1	P40.2	P40.3	P40.4	P40.5	P40.6	P40.7	P40.8	P40.9	P41.0	P41.1	P41.2	P41.3	P41.4	P41.5	P41.6	P41.7	P41.8	P41.9	P42.0	P42.1	P42.2	P42.3	P42.4	P42.5	P42.6	P42.7	P42.8	P42.9	P43.0	P43.1	P43.2	P43.3	P43.4	P43.5	P43.6	P43.7	P43.8	P43.9	P44.0	P44.1	P44.2	P44.3	P44.4	P44.5	P44.6	P44.7	P44.8	P44.9	P45.0	P45.1	P45.2	P45.3	P45.4	P45.5	P45.6	P45.7	P45.8	P45.9	P46.0	P46.1	P46.2	P46.3	P46.4	P46.5	P46.6	P46.7	P46.8	P46.9	P47.0	P47.1	P47.2	P47.3	P47.4	P47.5	P47.6	P47.7	P47.8	P47.9	P48.0	P48.1	P48.2	P48.3	P48.4	P48.5	P48.6	P48.7	P48.8	P48.9	P49.0	P49.1	P49.2	P49.3	P49.4	P49.5	P49.6	P49.7	P49.8	P49.9	P50.0	P50.1	P50.2	P50.3	P50.4	P50.5	P50.6	P50.7	P50.8	P50.9	P51.0	P51.1	P51.2	P51.3	P51.4	P51.5	P51.6	P51.7	P51.8	P51.9	P52.0	P52.1	P52.2	P52.3	P52.4	P52.5	P52.6	P52.7	P52.8	P52.9	P53.0	P53.1	P53.2	P53.3	P53.4	P53.5	P53.6	P53.7	P53.8	P53.9	P54.0	P54.1	P54.2	P54.3	P54.4	P54.5	P54.6	P54.7	P54.8	P54.9	P55.0	P55.1	P55.2	P55.3	P55.4	P55.5	P55.6	P55.7	P55.8	P55.9	P56.0	P56.1	P56.2	P56.3	P56.4	P56.5	P56.6	P56.7	P56.8	P56.9	P57.0	P57.1	P57.2	P57.3	P57.4	P57.5	P57.6	P57.7	P57.8	P57.9	P58.0	P58.1	P58.2	P58.3	P58.4	P58.5	P58.6	P58.7	P58.8	P58.9	P59.0	P59.1	P59.2	P59.3	P59.4	P59.5	P59.6	P59.7	P59.8	P59.9	P60.0	P60.1	P60.2	P60.3	P60.4	P60.5	P60.6	P60.7	P60.8	P60.9	P61.0	P61.1	P61.2	P61.3	P61.4	P61.5	P61.6	P61.7	P61.8	P61.9	P62.0	P62.1	P62.2	P62.3	P62.4	P62.5	P62.6	P62.7	P62.8	P62.9	P63.0	P63.1	P63.2	P63.3	P63.4	P63.5	P63.6	P63.7	P63.8	P63.9	P64.0	P64.1	P64.2	P64.3	P64.4	P64.5	P64.6	P64.7	P64.8	P64.9	P65.0	P65.1	P65.2	P65.3	P65.4	P65.5	P65.6	P65.7	P65.8	P65.9	P66.0	P66.1	P66.2	P66.3	P66.4	P66.5	P66.6	P66.7	P66.8	P66.9	P67.0	P67.1	P67.2	P67.3	P67.4	P67.5	P67.6	P67.7	P67.8	P67.9	P68.0	P68.1	P68.2	P68.3	P68.4	P68.5	P68.6	P68.7	P68.8	P68.9	P69.0	P69.1	P69.2	P69.3	P69.4	P69.5	P69.6	P69.7	P69.8	P69.9	P70.0	P70.1	P70.2	P70.3	P70.4	P70.5	P70.6	P70.7	P70.8	P70.9	P71.0	P71.1	P71.2	P71.3	P71.4	P71.5	P71.6	P71.7	P71.8	P71.9	P72.0	P72.1	P72.2	P72.3	P72.4	P72.5	P72.6	P72.7	P72.8	P72.9	P73.0	P73.1	P73.2	P73.3	P73.4	P73.5	P73.6	P73.7	P73.8	P73.9	P74.0	P74.1	P74.2	P74.3	P74.4	P74.5	P74.6	P74.7	P74.8	P74.9	P75.0	P75.1	P75.2	P75.3	P75.4	P75.5	P75.6	P75.7	P75.8	P75.9	P76.0	P76.1	P76.2	P76.3	P76.4	P76.5	P76.6	P76.7	P76.8	P76.9	P77.0	P77.1	P77.2	P77.3	P77.4	P77.5	P77.6	P77.7	P77.8	P77.9	P78.0	P78.1	P78.2	P78.3	P78.4	P78.5	P78.6	P78.7	P78.8	P78.9	P79.0	P79.1	P79.2	P79.3	P79.4	P79.5	P79.6	P79.7	P79.8	P79.9	P80.0	P80.1	P80.2	P80.3	P80.4	P80.5	P80.6	P80.7	P80.8	P80.9	P81.0	P81.1	P81.2	P81.3	P81.4	P81.5	P81.6	P81.7	P81.8	P81.9	P82.0	P82.1	P82.2	P82.3	P82.4	P82.5	P82.6	P82.7	P82.8	P82.9	P83.0	P83.1	P83.2	P83.3	P83.4	P83.5	P83.6	P83.7	P83.8	P83.9	P84.0	P84.1	P84.2	P84.3	P84.4	P84.5	P84.6	P84.7	P84.8	P84.9	P85.0	P85.1	P85.2	P85.3	P85.4	P85.5	P85.6	P85.7	P85.8	P85.9	P86.0	P86.1	P86.2	P86.3	P86.4	P86.5	P86.6	P86.7	P86.8	P86.9	P87.0	P87.1	P87.2	P87.3	P87.4	P87.5	P87.6	P87.7	P87.8	P87.9	P88.0	P88.1	P88.2	P88.3	P88.4	P88.5	P88.6	P88.7	P88.8	P88.9	P89.0	P89.1	P89.2	P89.3	P89.4	P89.5	P89.6	P89.7	P89.8	P89.9	P90.0	P90.1	P90.2	P90.3	P90.4	P90.5	P90.6	P90.7	P90.8	P90.9	P91.0	P91.1	P91.2	P91.3	P91.4	P91.5	P91.6	P91.7	P91.8	P91.9	P92.0	P92.1	P92.2	P92.3	P92.4	P92.5	P92.6	P92.7	P92.8	P92.9	P93.0	P93.1	P93.2	P93.3	P93.4	P93.5	P93.6	P93.7	P93.8	P93.9	P94.0	P94.1	P94.2	P94.3	P94.4	P94.5	P94.6	P94.7	P94.8	P94.9	P95.0	P95.1	P95.2	P95.3	P95.4	P95.5	P95.6	P95.7	P95.8	P95.9	P96.0	P96.1	P96.2	P96.3	P96.4	P96.5	P96.6	P96.7	P96.8	P96.9	P97.0	P97.1	P97.2	P97.3	P97.4	P97.5	P97.6	P97.7	P97.8	P97.9	P98.0	P98.1	P98.2	P98.3	P98.4	P98.5	P98.6	P98.7	P98.8	P98.9	P99.0	P99.1	P99.2	P99.3	P99.4	P99.5	P99.6	P99.7	P99.8	P99.9	P100.0	P100.1	P100.2	P100.3	P100.4	P100.5	P100.6	P100.7	P100.8	P100.9	P101.0	P101.1	P101.2	P101.3	P101.4	P101.5	P101.6	P101.7	P101.8	P101.9	P102.0	P102.1	P102.2	P102.3	P102.4	P102.5	P102.6	P102.7	P102.8	P102.9	P103.0	P103.1	P103.2	P103.3	P103.4	P103.5	P103.6	P103.7	P103.8	P103.9	P104.0	P104.1	P104.2	P104.3	P104.4	P104.5	P104.6	P104.7	P104.8	P104.9	P105.0	P105.1	P105.2	P105.3	P105.4	P105.5	P105.6	P105.7	P105.8	P105.9	P106.0	P106.1	P106.2	P106.3	P106.4	P106.5	P106.6	P106.7	P106.8	P106.9	P107.0	P107.1	P107.2	P107.3	P107.4	P107.5	P107.6	P107.7	P107.8	P107.9	P108.0	P108.1	P108.2	P108.3	P108.4	P108.5	P108.6	P108.7	P108.8	P108.9	P109.0	P109.1	P109.2	P109.3	P109.4	P109.5	P109.6	P109.7	P109.8	P109.9	P110.0	P110.1	P110.2	P110.3	P110.4	P110.5	P110.6	P110.7	P110.8	P110.9	P111.0	P111.1	P111.2	P111.3	P111.4	P111.5	P111.6	P111.7	P111.8	P111.9	P112.0	P112.1	P112.2	P112.3	P112.4	P112.5	P112.6	P112.7	P112.8	P112.9	P113.0	P113.1	P113.2	P113.3	P113.4	P113.5	P113.6	P113.7	P113.8	P113.9	P114.0	P114.1	P114.2	P114.3	P114.4	P114.5	P114.6	P114.7	P114.8	P114.9	P115.0	P115.1	P115.2	P115.3	P115.4	P115.5	P115.6	P115.7	P115.8	P115.9	P116.0	P116.1	P116.2	P116.3	P116.4	P116.5	P116.6	P116.7	P116.8	P116.9	P117.0	P117.1	P117.2	P117.3	P117.4	P117.5	P117.6	P117.7	P117.8	P117.9	P118.0	P118.1	P118.2	P118.3	P118.4	P118.5	P118.6	P118.7	P118.8	P118.9	P119.0	P119.1	P119.2	P119.3	P119.4	P119.5	P119.6	P119.7	P119.8	P119.9	P120.0	P120.1	P120.2	P120.3	P120.4	P120.5	P120.6	P120.7	P120.8	P120.9	P121.0	P121.1	P121.2	P121.3	P121.4	P121.5	P121.6	P121.7	P121.8	P121.9	P122.0	P122.1	P122.2	P122.3	P122.4	P122.5	P122.6	P122.7	P122.8	P122.9	P123.0	P123.1	P123.2	P123.3	P123.4	P123.5	P123.6	P123.7	P123.8	P123.9	P124.0	P124.1	P124.2	P124.3	P124.4	P124.5	P124.6	P124.7	P124.8	P124.9	P125.0	P125.1	P125.2	P125.3	P125.4	P125.5	P125.6	P125.7	P125.8	P125.9	P126.0	P126.1	P126.2	P126.3	P126.4	P126.5	P126.6	P126.7	P126.8	P126.9	P127.0	P127.1	P127.2	P127.3	P127.4	P127.5	P127.6	P127.7	P127.8	P127.9	P128.0	P128.1	P128.2	P128.3	P128.4	P128.5	P128.6	P128.7	P128.8	P128.9	P129.0	P129.1	P129.2	P129.3	P129.4	P129.5	P129.6	P129.7	P129.8	P129.9	P130.0	P130.1	P130.2	P130.3	P130.4	P130.5	P130.6	P130.7	P130.8	P130.9	P131.0	P131.1	P131.2	P131.3	P131.4	P131.5	P131.6	P131.7	P131.8	P131.9	P132.0	P132.1	P132.2	P132.3	P132.4	P132.5	P132.6	P132.7	P132.8	P132.9	P133.0	P133.1	P133.2	P133.3	P133.4	P133.5	P133.6	P133.7	P133.8	P133.9	P134.0	P134.1	P134.2	P134.3	P134.4	P134.5	P134.6	P134.7	P134.8</
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