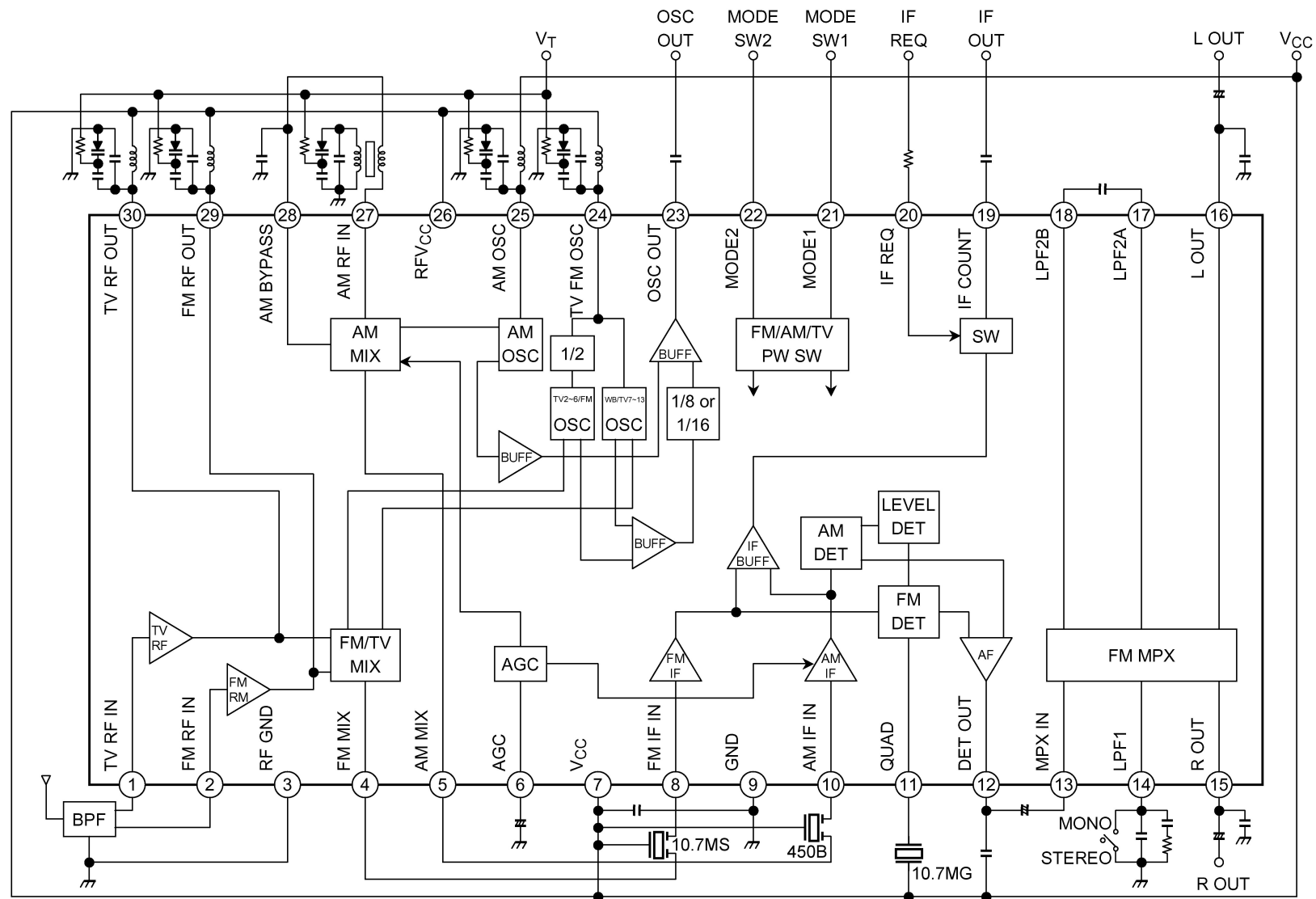


Block Diagram



HR2003 (GMT95) OSC frequency allocation table of TA-2154FN

Band	Receiving freq. location	pin24 OSC freq.	TV2~6/FM block freq. (freq.=pin24 / 2)	WB/TV7~13 block freq. (freq.=pin24)	pin23 buffer freq. (freq.=TV2~6/FM block / 16) or (freq.=WB/TV7~13 block / 8)	mode setting(pin21)	mode setting(pin22)
TV-CH2	59.750 MHz	140.900 MHz	70.450 MHz		4.403125 MHz	1	0
TV-CH3	65.750 MHz	152.900 MHz	76.450 MHz		4.778125 MHz	1	0
TV-CH4	71.750 MHz	164.900 MHz	82.450 MHz		5.153125 MHz	1	0
TV-CH5	81.750 MHz	184.900 MHz	92.450 MHz		5.778125 MHz	1	0
TV-CH6	87.750 MHz	196.900 MHz	98.450 MHz		6.153125 MHz	1	0
FM87.5MHz	87.500 MHz	196.400 MHz	98.200 MHz		6.137500 MHz	1	0
:	:	:	:		:	1	0
FM90.0MHz	90.000 MHz	201.400 MHz	100.700 MHz		6.293750 MHz	1	0
:	:	:	:		:	1	0
FM98.0MHz	98.000 MHz	217.400 MHz	108.700 MHz		6.793750 MHz	1	0
:	:	:	:		:	1	0
FM106.0MHz	106.000 MHz	233.400 MHz	116.700 MHz		7.293750 MHz	1	0
:	:	:	:		:	1	0
FM108.0MHz	108.000 MHz	237.400 MHz	118.700 MHz		7.418750 MHz	1	0
WB-CH1	162.550 MHz	173.250 MHz		173.250 MHz	21.656250 MHz	1	1
WB-CH2	162.400 MHz	173.100 MHz		173.100 MHz	21.637500 MHz	1	1
WB-CH3	162.475 MHz	173.175 MHz		173.175 MHz	21.646875 MHz	1	1
WB-CH4	162.425 MHz	173.125 MHz		173.125 MHz	21.640625 MHz	1	1
WB-CH5	162.450 MHz	173.150 MHz		173.150 MHz	21.643750 MHz	1	1
WB-CH6	162.500 MHz	173.200 MHz		173.200 MHz	21.650000 MHz	1	1
WB-CH7	162.525 MHz	173.225 MHz		173.225 MHz	21.653125 MHz	1	1
TV-CH7	179.750 MHz	190.450 MHz		190.450 MHz	23.806250 MHz	1	1
TV-CH8	185.750 MHz	196.450 MHz		196.450 MHz	24.556250 MHz	1	1
TV-CH9	191.750 MHz	202.450 MHz		202.450 MHz	25.306250 MHz	1	1
TV-CH10	197.750 MHz	208.450 MHz		208.450 MHz	26.056250 MHz	1	1
TV-CH11	203.750 MHz	214.450 MHz		214.450 MHz	26.806250 MHz	1	1
TV-CH12	209.750 MHz	220.450 MHz		220.450 MHz	27.556250 MHz	1	1
TV-CH13	215.750 MHz	226.450 MHz		226.450 MHz	28.306250 MHz	1	1