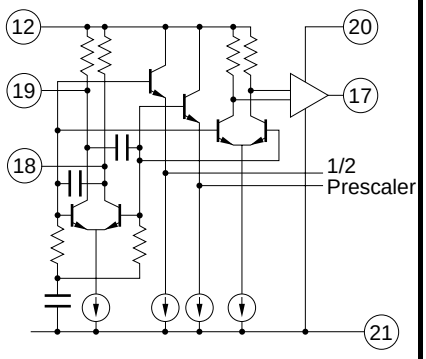
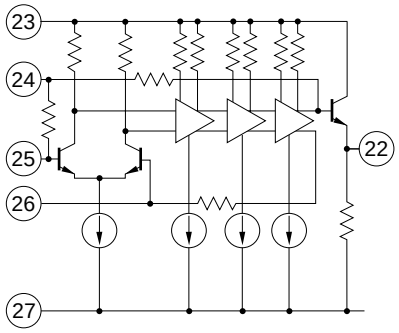
Pin No.	Pin Name	Applied Voltage (V)	Pin Voltage (V)	Function and Application	Internal Equivalent Circuit
16	Power Down2	0 or V_{CC}	4	Stand-by mode control pin of reference block. Low: OFF High: ON	
17	$REF_{out}1$	4	4	Output pin of reference frequency. The frequency from pin 19 can be taken out as 3 V_{P-P} swing.	
18	$REF_{in}2$	4	2.45	Input pin of reference frequency. This pin should be grounded through capacitor.	
19	$REF_{in}1$	4	2.45	Input pin of reference frequency. This pin can use as an input pin of reference frequency buffer. This pin should be equipped with external 16.368 MHz oscillator (example: TCXO).	
20	V_{CC}(REF Block)	2.7 to 3.3	4	Supply voltage pin of reference block. This pin should be externally equipped with bypass capacitor to minimize ground impedance.	
21	GND(REF Block)	0	4	Ground pin of reference block.	
22	$2ndIF_{out}$	4	1.80	Output pin of 2nd IF amplifier. This pin output 4.092 MHz. This pin should be equipped with external buffer amplifier to adjust level to next stage on user's system.	
23	V_{CC}(2nd IF-AMP)	2.7 to 3.3	4	Supply voltage pin of 2nd IF amplifier. This pin should be externally equipped with bypass capacitor to minimize ground impedance.	
24	2ndIFbypass	4	2.10	Bypass pin of 2nd IF amplifier. This pin should be grounded through capacitor.	
25	$2ndIF_{in}2$	4	2.10	Pin of 2nd IF amplifier input 2. This pin should be grounded through capacitor.	
26	$2ndIF_{in}1$	4	2.10	Pin of 2nd IF amplifier input 1. 2nd IF filter can be inserted between 26 and 28.	
27	GND(2nd IF-AMP)	0	4	Ground pin of 2nd IF amplifier.	