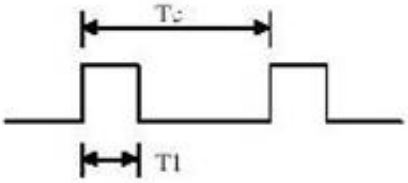
검색결과 리스트
글

IR 리모콘파형

Electron/Etc. 2014.08.28 14:19
IR 리모콘파형

1) uPD6121G with simple repeat code

A single pulse, modulated with 37.91KHz signal at 455KHz

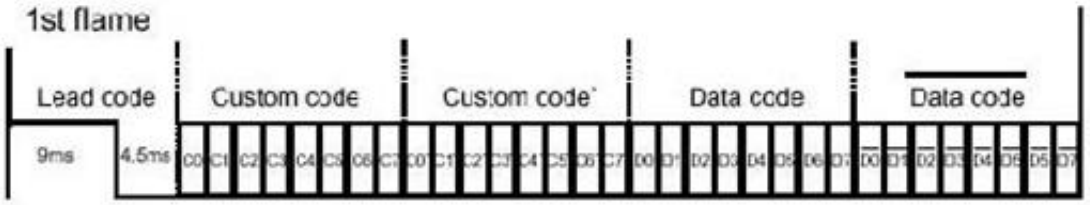


Carrier frequency

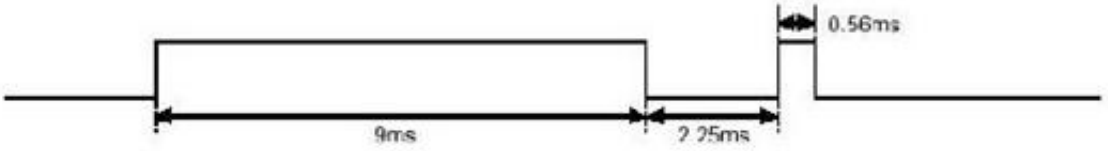
$f_{CAR} = 1/Tc = f_{OSC}/12$

Duty ratio = T1/Tc = 1/3

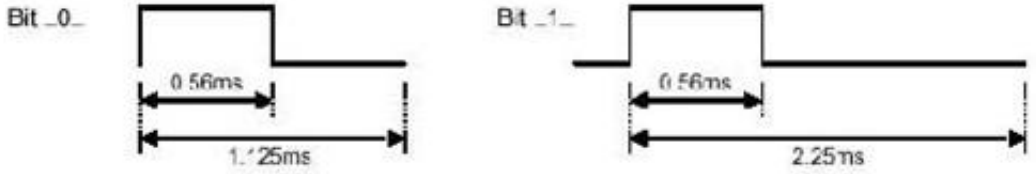
- Configuration of Flame



- Repeat code



- Bit Description



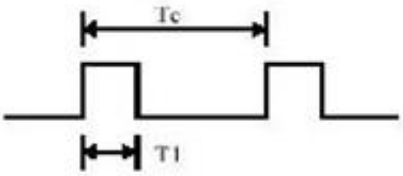
- Flame Interval : Tf

The transmitted waveform as long as a key is depressed

코드 내용 중에 data code와 data code(bar)는 서로 1'complement 관계입니다. 예를 들 면 data code = 00 이면 data code(bar) = FF 입니다.

2) uPD6121G with full repeat code

A single pulse, modulated with 37.91KHz signal at 455KHz



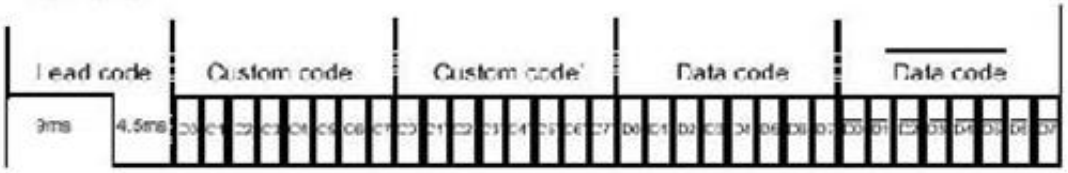
Carrier frequency

$f_{CAR} = 1/Tc = f_{OSC}/12$

Duty ratio = T1/Tc = 1/3

- Configuration of Flame

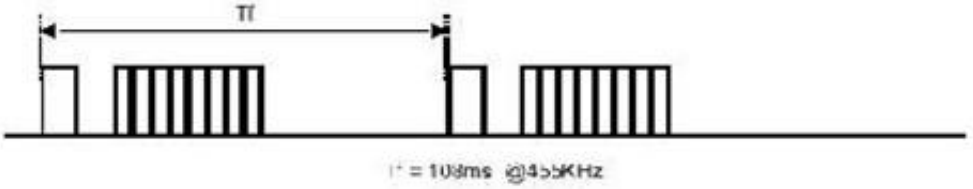
1st flame



- Bit Description

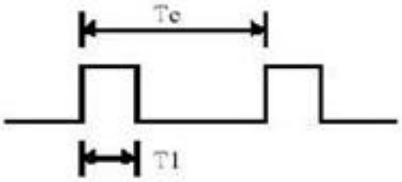
- Flame Interval : Tf

The transmitted waveform as long as a key is depressed



3) TC9012F/9243

A single pulse, modulated with 37.91KHz signal at 455KHz



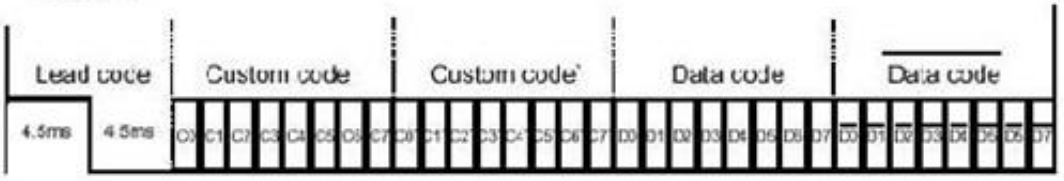
Carrier frequency

$f_{CAR} = 1/Tc = f_{OSC}/12$

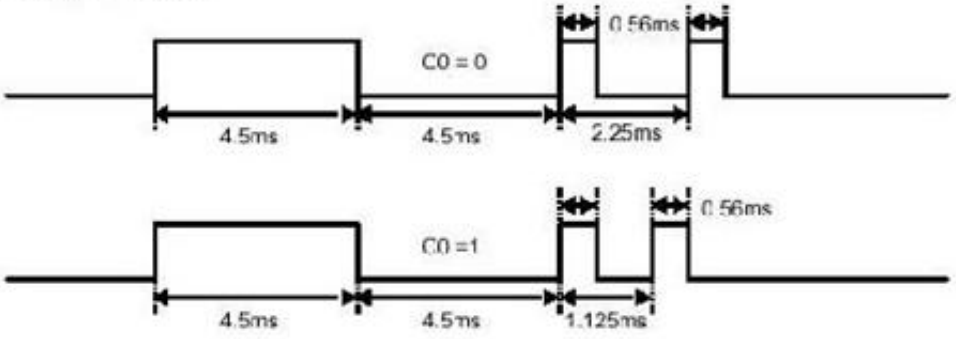
Duty ratio = T1/Tc = 1/3

- Configuration of Flame

1st flame



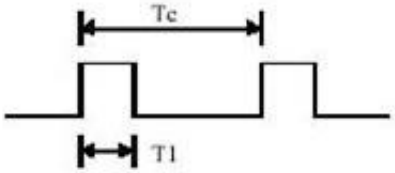
- Repeat code



- Bit Description

4) M50560-001P

A single pulse, modulated with 37.91KHz signal at 455KHz



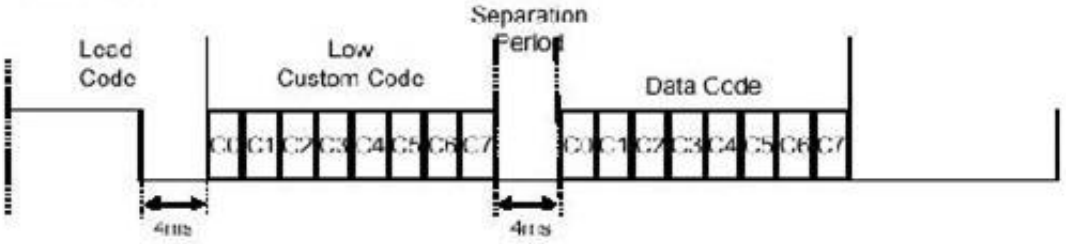
Carrier frequency

$f_{CAR} = 1/Tc = f_{OSC}/12$

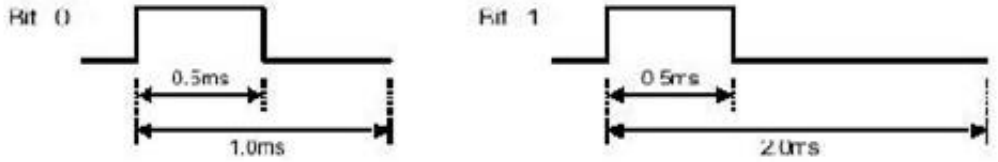
Duty ratio = T1/Tc = 1/3

- Configuration of Flame

1st flame

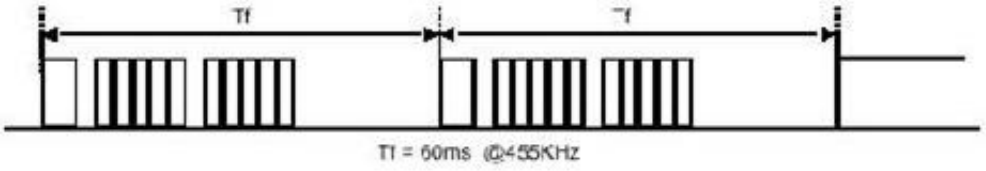


- Bit Description



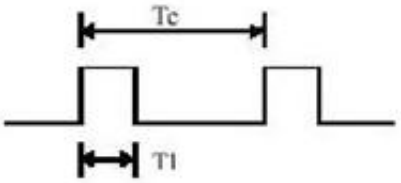
- Flame Interval : Tf

The transmitted waveform as long as a key is depressed



5) LC7461M-C13 with simple repeat code

A single pulse, modulated with 37.91KHz signal at 455KHz



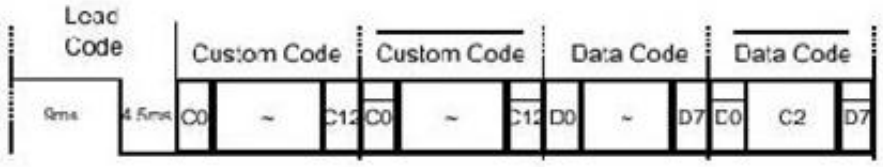
Carrier frequency

$f_{CAR} = 1/Tc = f_{OSC}/12$

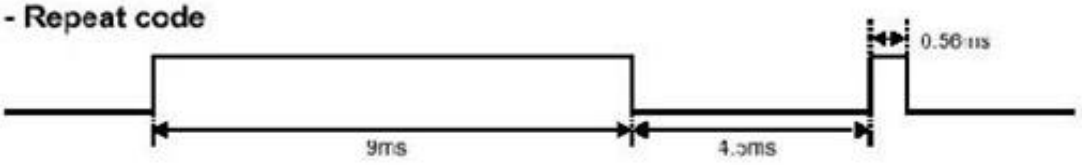
Duty ratio = T1/Tc = 1/3

- Configuration of Flame

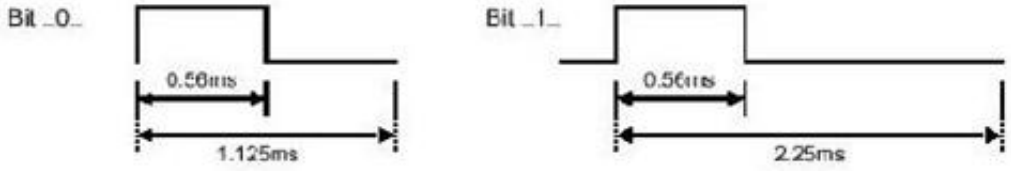
1st flame



- Repeat code



- Bit Description

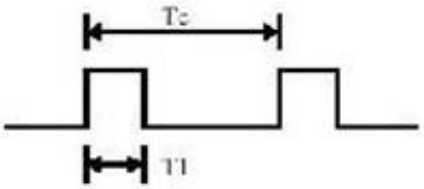


- Flame Interval : Tf

The transmitted waveform as long as a key is depressed

6) LC7461M-C13 with full repeat code

A single pulse, modulated with 37.91KHz signal at 455KHz



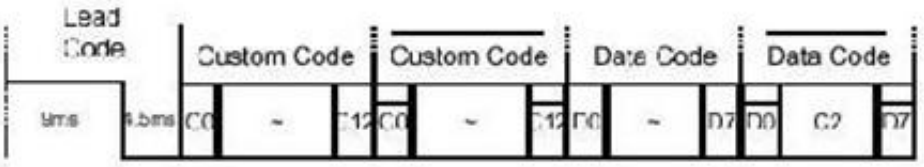
Carrier frequency

$f_{CAR} = 1/Tc = f_{OSC}/12$

Duty ratio = T1/Tc = 1/3

- Configuration of Flame

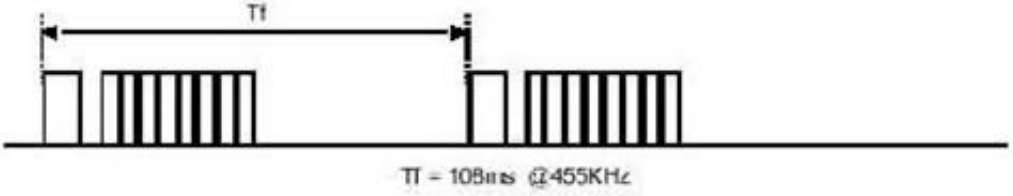
1st flame



- Bit Description

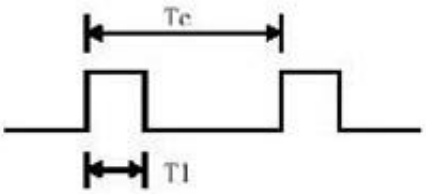
- Flame Interval : Tf

The transmitted waveform as long as a key is depressed



7) M3004 LAB1-Carrier

A single pulse, modulated with 37.91KHz signal at 455KHz



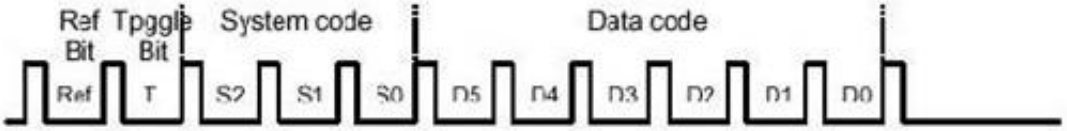
Carrier frequency

$f_{CAR} = 1/Tc = f_{OSC}/12$

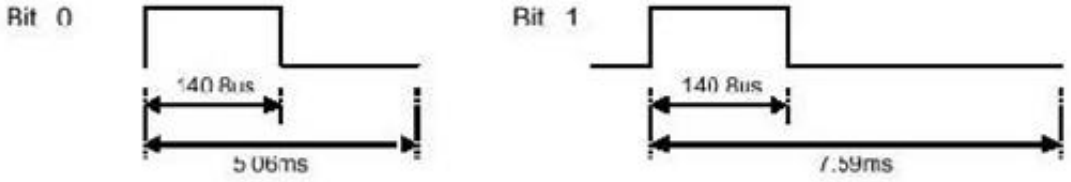
Duty ratio = T1/Tc = 1/3

- Configuration of Flame

1st flame

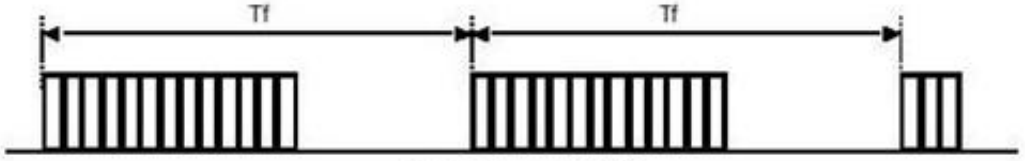


- Bit Description



- Flame Interval : Tf

The transmitted waveform as long as a key is depressed



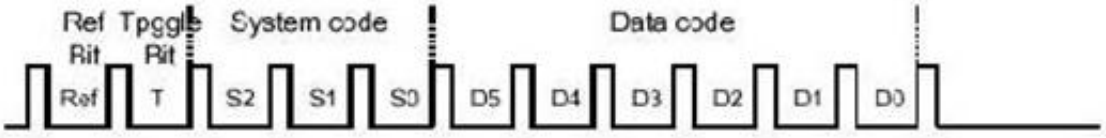
Tf = 121.6ms @455KHz

8) M3004 LAB1 - Flash

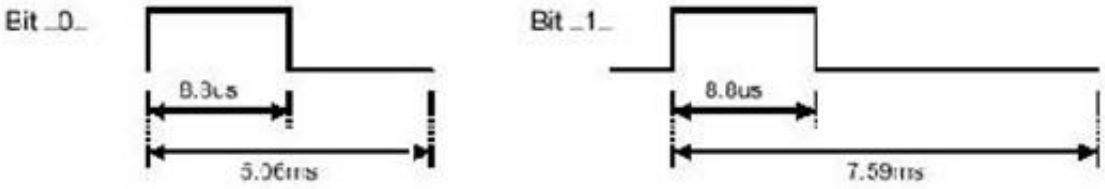
A single pulse at 455KHz

- Configuration of Flame

1st flame

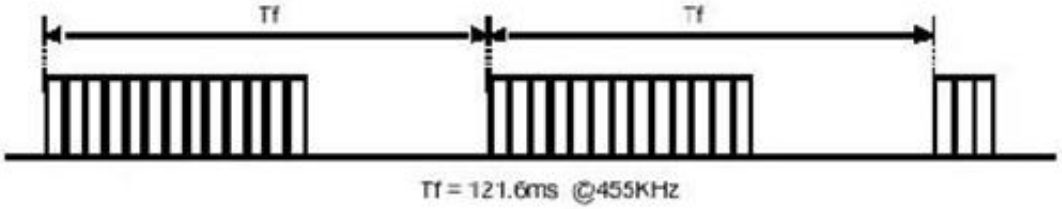


- Bit Description



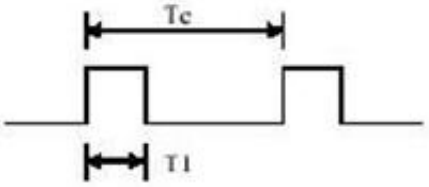
- Flame Interval : Tf

The transmitted waveform as long as a key is depressed



9) SAA3010(RC-5)

A single pulse, modulated with 37.917KHz signal at 455KHz



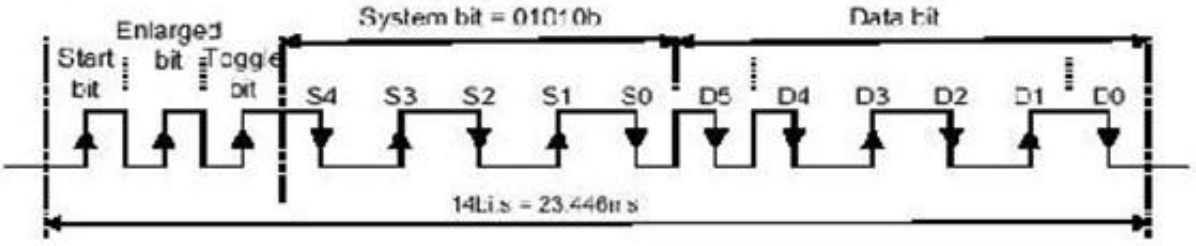
Carrier frequency

$f_{CAR} = 1/Tc = f_{OSC}/12$

Duty ratio = T1/Tc = 1/3

- Configuration of Flame

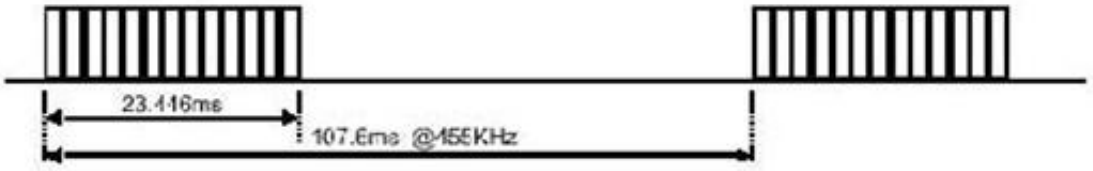
1st flame



- Bit Description

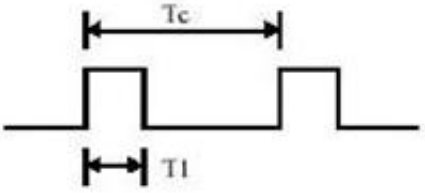
- Flame Interval : Tf

The transmitted waveform as long as a key is depressed



10) uPD1986C

A single pulse, modulated with 37.917KHz signal at 455KHz



Carrier frequency

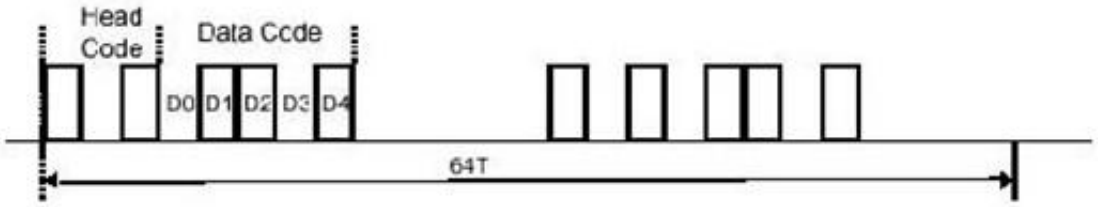
$f_{CAR} = 1/Tc = f_{OSC}/12$

Duty ratio = T1/Tc = 1/3

Time Unit = T = 43Tc

- Configuration of Flame

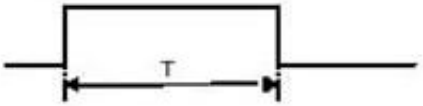
1st flame



- Bit Description

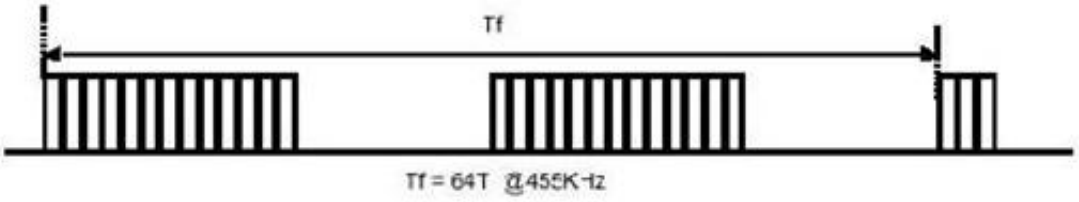
Bit 0

Bit 1



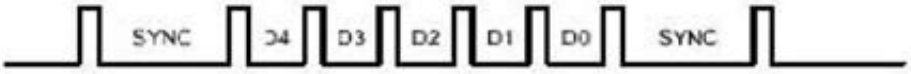
- Flame Interval : Tf

The transmitted waveform as long as a key is depressed

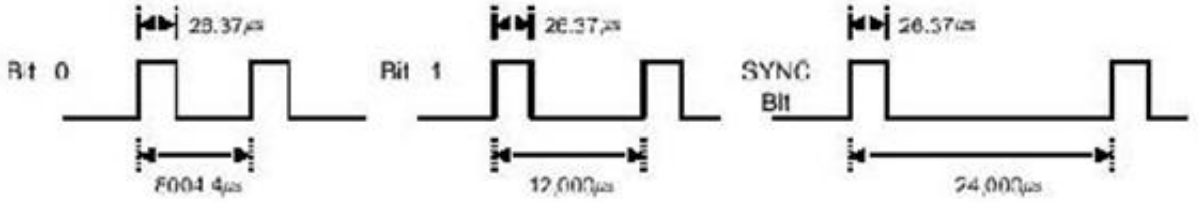


11) MV500 (4ms)

A single pulse at 455KHz

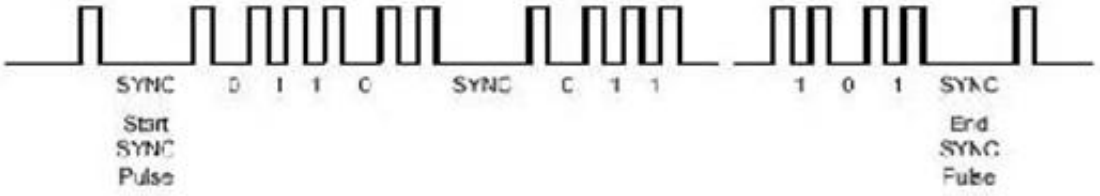


- Bit Description



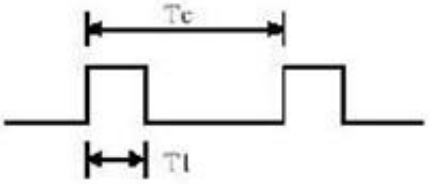
- Flame Interval : Tf

The transmitted waveform as long as a key is depressed



12) Zenith CG1

A single pulse, modulated with 40KHz signal at 480KHz

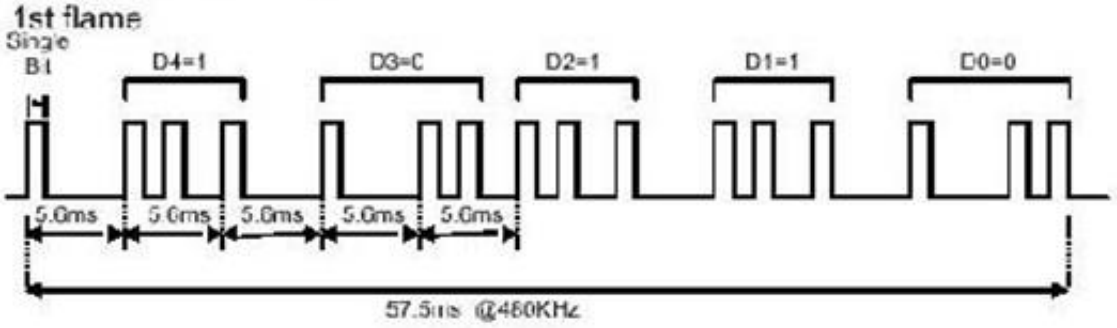


Carrier frequency

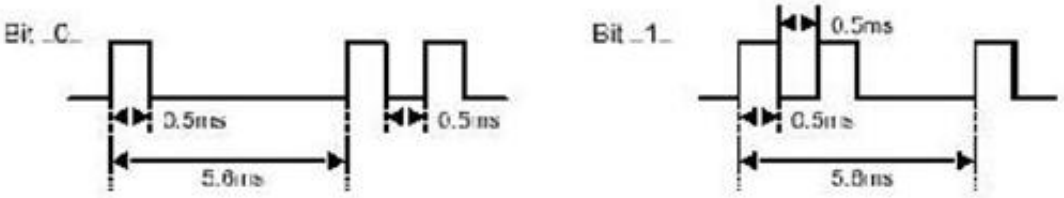
$f_{(CAR)} = 1/Tc = f_{(OSC)}/12$

Duty ratio = Tl/Tc = 1/3

- Configuration of Flame

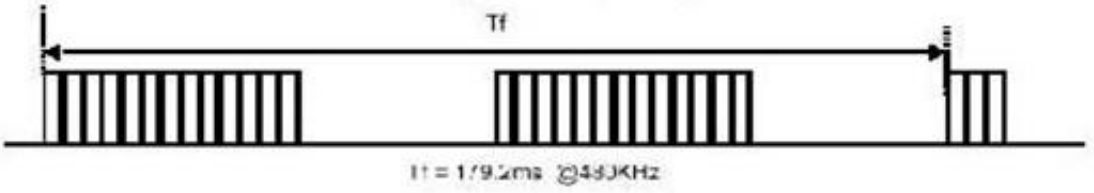


- Bit Description



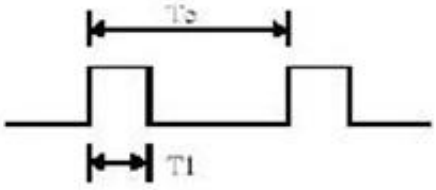
- Flame Interval : Tf

The transmitted waveform as long as a key is depressed



13) Zenith CG2

A single pulse, modulated with 40KHz signal at 480KHz



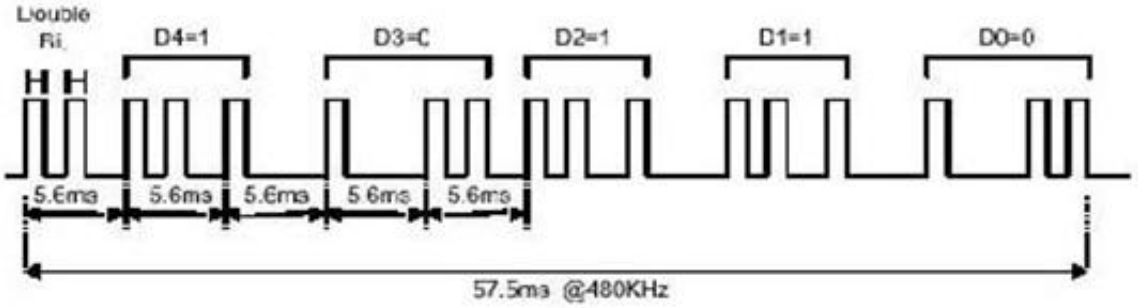
Carrier frequency

$f_{CAR} = 1/Tc = f_{osc}/12$

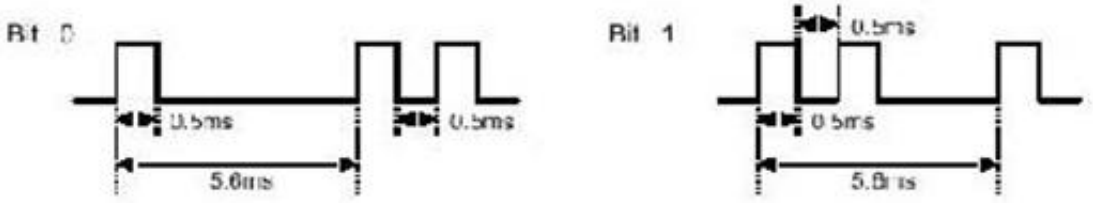
Duty ratio = T1/Tc = 1/3

- Configuration of Flame

1st flame

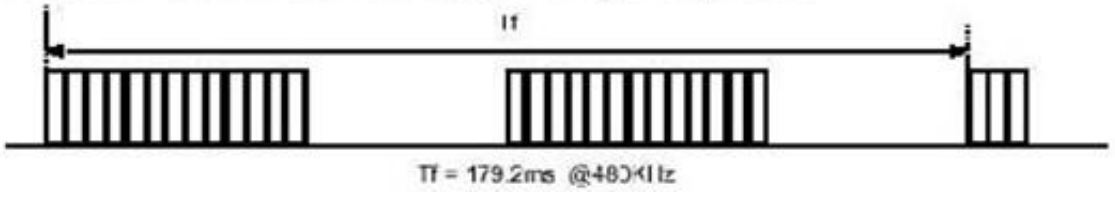


- Bit Description



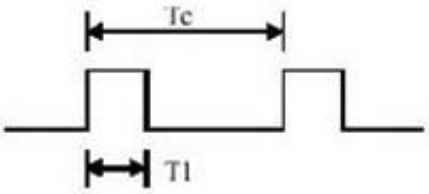
- Flame Interval : Tf

The transmitted waveform as long as a key is depressed



14) LR3715M

A single pulse, modulated with 37.917KHz signal at 455KHz



Carrier frequency

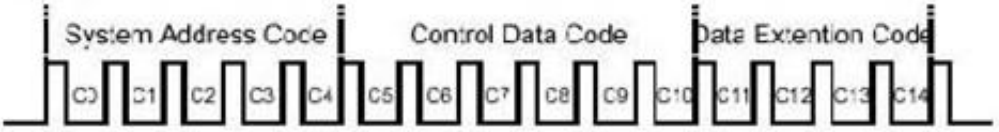
$f_{CAR} = 1/Tc = f_{OSC}/12$

Duty ratio = T1/Tc = 1/3

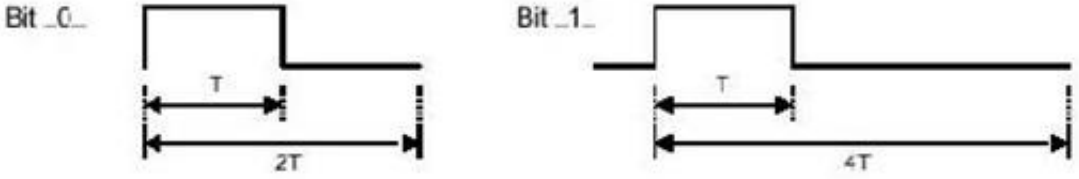
Time Unit = T = 10Tc

- Configuration of Flame

1st flame

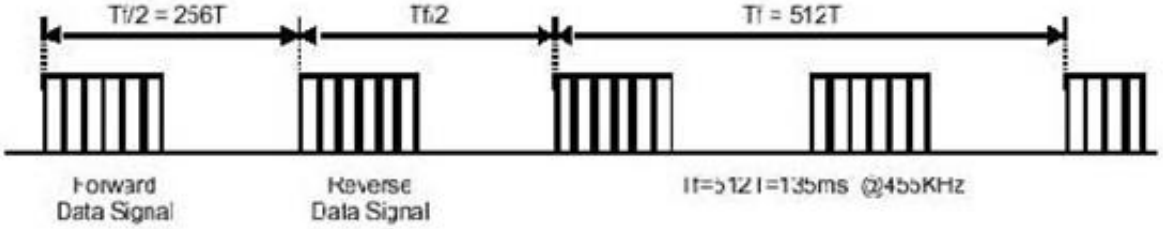


- Bit Description



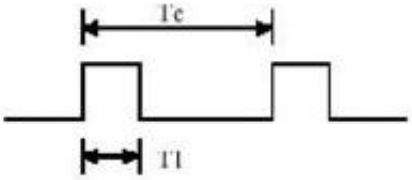
- Flame Interval : Tf

The transmitted waveform as long as a key is depressed



15) SONY - D7C6

A single pulse, modulated with 40KHz signal at 480KHz



Carrier frequency

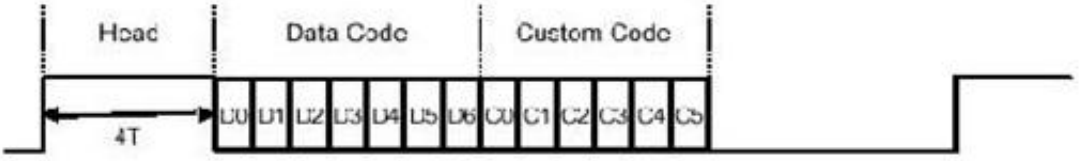
$f_{CAR} = 1/Tc = f_{OSC}/12$

Duty ratio = T1/Tc = 1/3

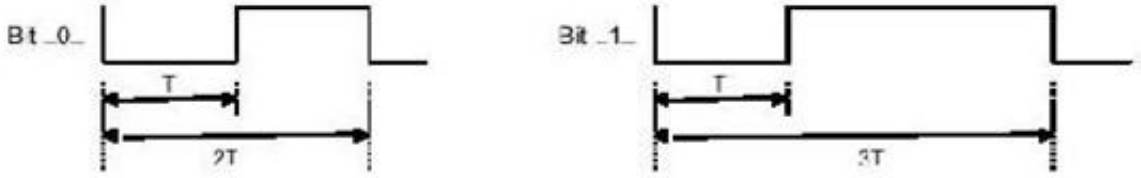
Time Unit = T = 24Tc = T

- Configuration of Flame

1st flame

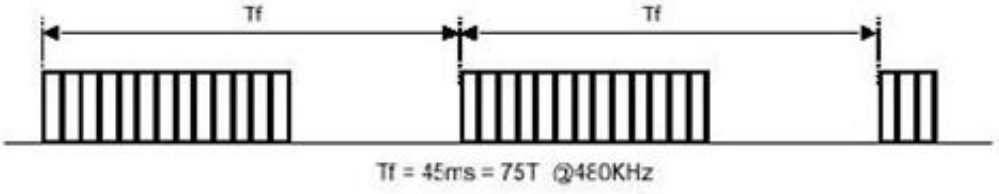


- Bit Description



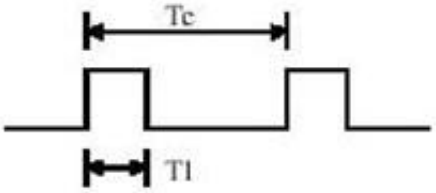
- Flame Interval : Tf

The transmitted waveform as long as a key is depressed



16) SONY - D7C8

A single pulse, modulated with 40KHz signal at 480KHz



Carrier frequency

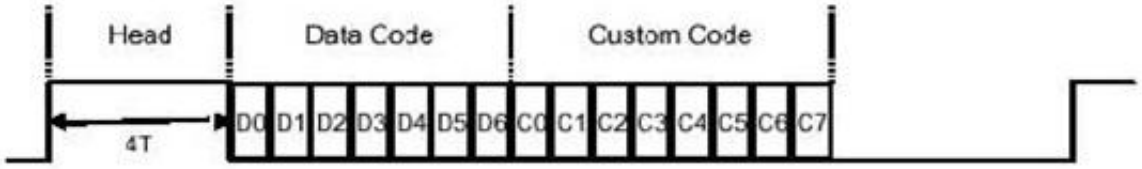
$f_{CAR} = 1/Tc = f_{OSC}/12$

Duty ratio = Tl/Tc = 1/3

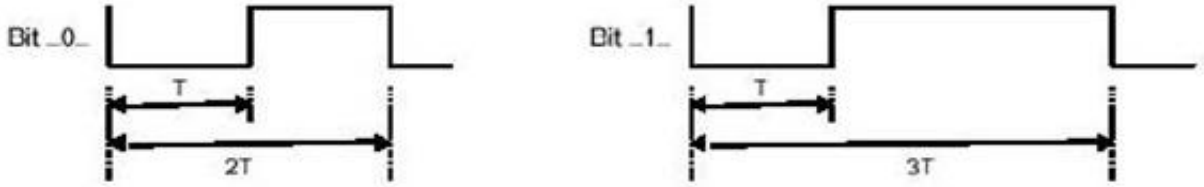
Time Unit = T = 24Tc

- Configuration of Flame

1st flame

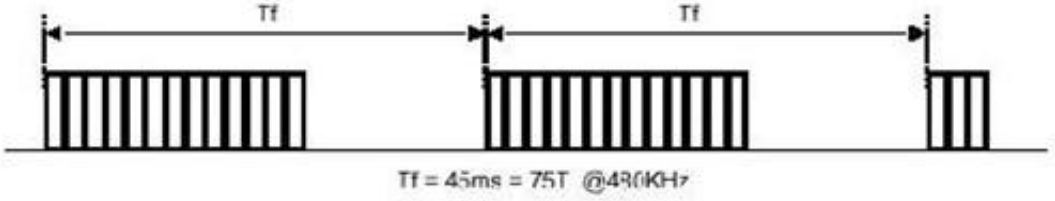


- Bit Description



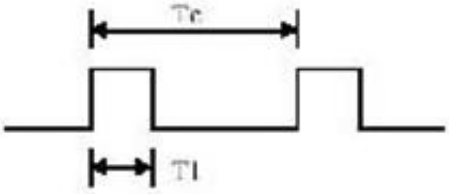
- Flame Interval : Tf

The transmitted waveform as long as a key is depressed



17) MN6014-C5D6

A single pulse, modulated with 56.875KHz signal at 455KHz



Carrier frequency

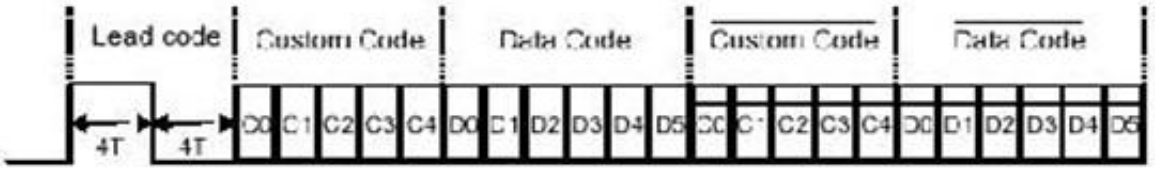
$f_{CAR} = 1/Tc = f_{OSC}/12$

Duty ratio = T1/Tc = 1/3

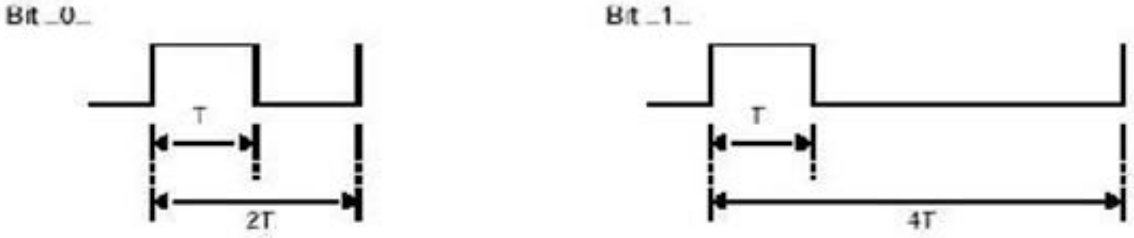
Time Unit = 32Tc = T

- Configuration of Flame

1st flame

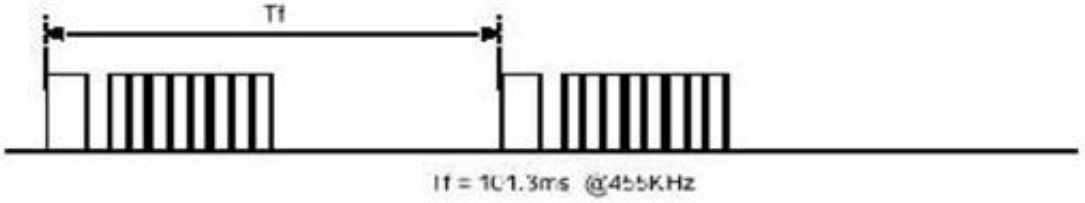


- Bit Description



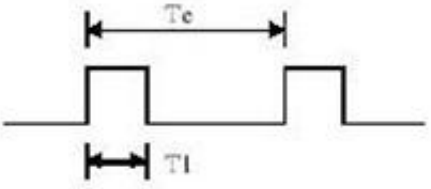
- Flame Interval : Tf

The transmitted waveform as long as a key is depressed



18) MN6014-C6D6

A single pulse, modulated with 36.6KHz signal at 440KHz



Carrier frequency

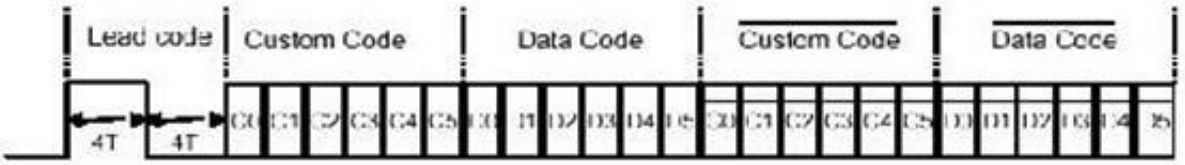
$f_{CAR} = 1/Tc = f_{OSC}/12$

Duty ratio = T1/Tc = 1/3

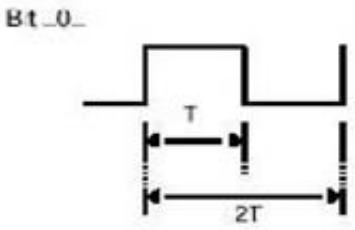
Time Unit = 32Tc

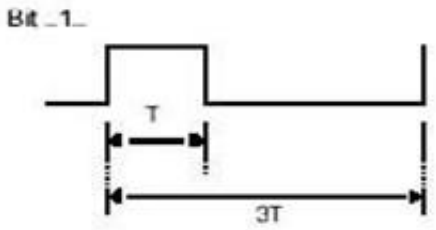
- Configuration of Flame

1st flame



- Bit Description





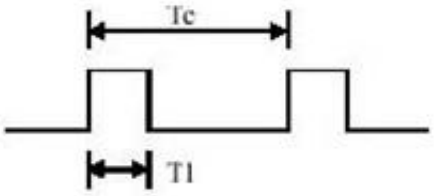
- Flame Interval : Tf

The transmitted waveform as long as a key is depressed

Tf = 120T = 104.7ms @440KHz

19) AEHA

A single pulse, modulated with 37.917KHz signal at 455KHz



Carrier frequency

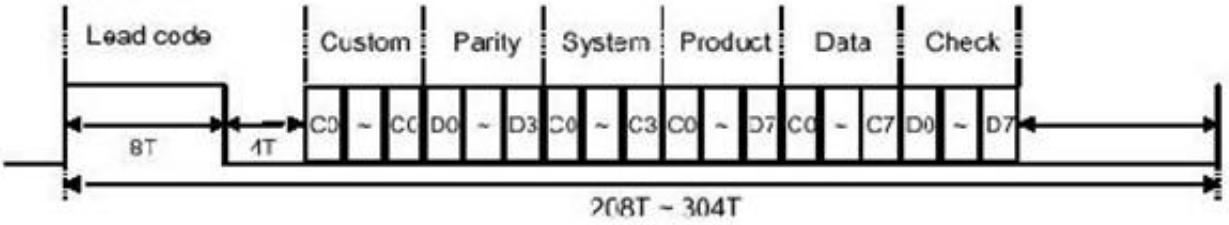
$f_{CAR} = 1/Tc = f_{OSC}/12$

Duty ratio = T1/Tc = 1/3

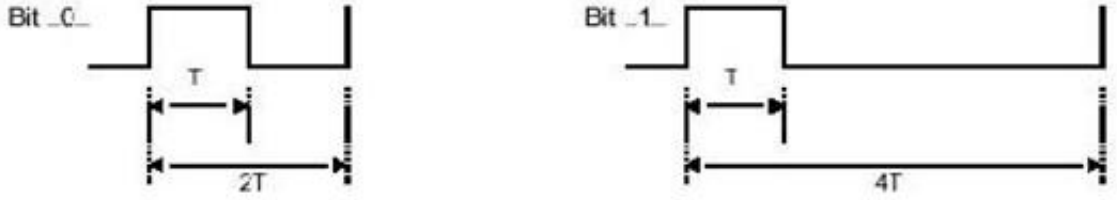
Time Unit = 16Tc = T

- Configuration of Flame

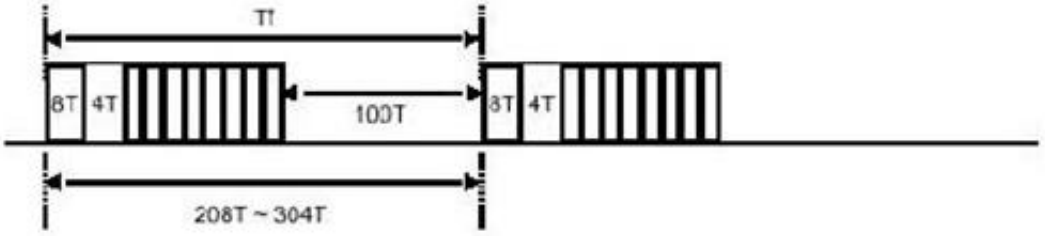
1st flame



- Bit Description



- Normal Repeat

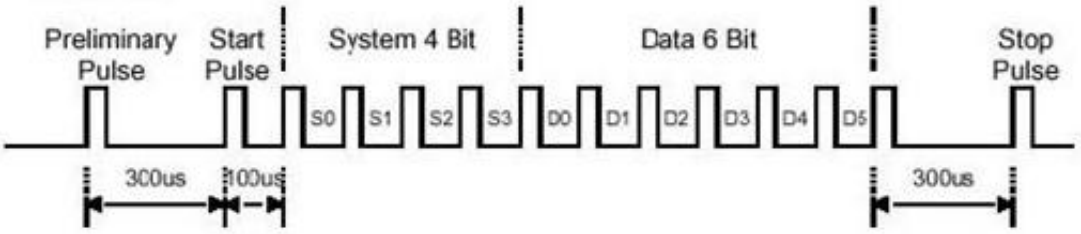


20) IRT1250

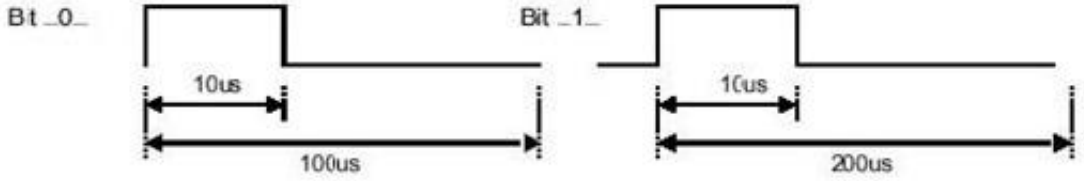
A single pulse at 600KHz

- Configuration of Flame

1st flame

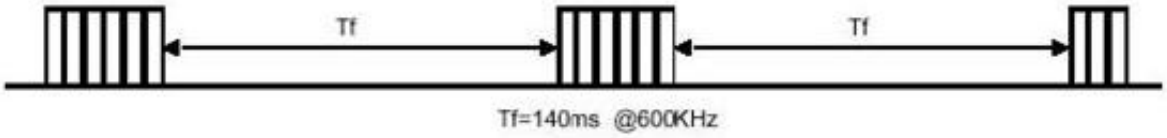


- Bit Description



- Flame Interval : Tf

The transmitted waveform as long as a key is depressed



출처: http://bigwavek.tistory.com/entry/IR-%EB%A6%AC%EB%AA%A8%EC%BD%98-%ED%8C%8C%ED%98%95

'Electron > Etc.' 카테고리의 다른 글

마이크로비아 그 이상으로 진화하는 HDI (0) 2014.08.28
저항 부가를 이용한 프린트 배선판 전원층에서의 방사 잡음 저감기술 (0) 2014.08.28
IR 리모콘파형 (0) 2014.08.28
기판 레벨 시뮬레이션과 PCB 설계 공정의 이해 (0) 2014.08.28
표준 PCB 적층 기판에서 비아 효과의 이해 (0) 2014.08.28
50개의 즉석 서바이벌 회로 (III) - 정전과 같은 긴급 사태에 대비하고 싶다 (0) 2014.08.28

IR, 리모컨

설정

트랙백

댓글