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Ultrasonic

Ultrasonic

Distance

Sensor Hy

Srf05

Detection

Distance

The Proceedings
of the Second
International
Conference on

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Ultrasonic

Distance
Sensor Hy Srf05
Detection
Communications,
Signal
Processing, and
Systems

Applications on
Ultrasonic Wave
Proceedings of
the 4th
International
Seminar on
Science and
Technology (ISST
2022) Hands-On
IoT: Wi-Fi and

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Ultrasonic

Distance
Embedded Web
Development
Sensor Hy Srf05
Technological
Detection
Trends in

Improved
Distance
Mobility of the
Visually
Impaired
Advances in Inte
rdisciplinary
Engineering
Robot 2019:
Fourth Iberian
Robotics

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Conference

Innovative

Mobile and

Internet

Services in

Ubiquitous

Computing

Modelling and

Simulation for

Autonomous

Systems

Proceedings of

the 2nd

International

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Conference on

Healthcare

Science and

Engineering

Robótica Móvel

com Arduino New

Trends in Robot

Control Towards

Autonomous

Robotic Systems

Water Security

and

Sustainability

OCEANS 2016 -

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Shanghai

Introduction to
Nondestructive

Testing Make:

Arduino Bots and
Gadgets

Technological

Trends in

Improved

Mobility of the

Visually

Impaired New

Trends in

Observer-Based

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Ultrasonic

Control

Beginning

Arduino

Programming

Distance

~~MAKElog#2~~

~~Ultrasonic~~

~~distance~~

~~measurement via~~

~~HY SRF 05 #40~~

~~Ultrasonic~~

~~Distance Sensors~~

~~Arduino Tutorial~~

~~and Comparison~~

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Ultrasonic

~~for HC-SR04, HY-SRF05, US-015~~

Creative

thinking #1:

Measure Distance

SRF05 with

Ultrasonic

Sensor and

Arduino The BEST

Ultrasonic

distance sensor

US-100 vs. HC-

SR04 vs. HC-SR05

Ultrasonic

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Ultrasonic

Sensor HC-SR04

and Arduino

Tutorial

Raspberry Pi,

Python and HY

SRF05 Distance

Sensor #190 New

Ultrasonic

Sensors:

Comparison and

Test (US42V2,

JSN-SR04T, and

US-100) Using

Ultrasonic

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Ultrasonic

~~Distance Sensor
HC-SR04 with
Buzzer, LED and
Arduino~~

Using the HC-SR04 Ultrasonic Distance Sensor with Arduino - Everything you need to know!

**HY SRF05 SRF05
Distance sensor
with Processing
IDE | DIYSpace**

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Ultrasonic

Distance
Sensor using the
HC-SR04 You can
learn Arduino in
15 minutes.

Ultrasonic
distance level
meter without ar
duino/microcontr
oller ~~Water~~
~~proof ultrasonic~~
~~module and~~
~~Arduino Tutorial~~
TOP 8 Arduino

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Ultrasonic

distance sensor

Shooting laser
to measure
distance

Distance Sensor
Comparison Guide
**Getting Started
with LIDAR**

*Ultrasonic
sensor working
principle | How
does HC-SR04
Work* ~~Weekend
Projects~~

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Ultrasonic

~~Hot/Cold LEDs~~

~~Top 10 Arduino-~~

~~Sensors with~~

~~Projects for~~

~~Beginners~~

STM32F4 Nucleo -

Keil 5 IDE with

CubeMX: Tutorial

37 - HC-SR05

Ultrasonic

Sensor How-To

~~Tuesday: Ping)))~~

~~ultrasonic~~

~~sensor~~

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Ultrasonic

~~Ultrasonic~~

~~sensors — the
alternative for
difficult~~

~~surfaces~~

Homemade

~~ultrasonic~~

~~distance sensor~~

~~+ theory How to~~

~~Set Up an~~

~~Ultrasonic Range~~

~~Finder on an~~

~~Arduino HY-SRF05~~

~~Ultrasonic~~

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Ultrasonic

Module

Ultrasound

Sensor HC-SR04:

Calibration and

2D accurate

Tracking Sensor

hy-srf05 \u0026

DuinoBot \u0026

Leds Ultrasonic

Distance Sensor

Hy Srf05

The ultrasonic sensor measures the distance of

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Ultrasonic

Distance
Sensor Hy Srf05
Detection
the nearest
object, sending
the result to
the serial port.

Distance
It can work from
2 cm to 3 m. It
measures the
time spent by
the signal to
reach the object
and return to
the sensor.

Connections: Vcc
-> 5 V; Trig ->

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Ultrasonic

pin 13 (digital
pin) Echo -> pin
12 (digital pin)
Out -> GND ->
GND

~~Distance~~

~~Measurement with
an Ultrasonic
Sensor HY-SRF05~~

~~---~~

Part Number : HY-
SRF05. Function
: Ultrasonic

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Ultrasonic

Distance Sensor
with 2 Channel
Logic Level
Converter.

Package : 4 Pin
Module type.

Image :

~~HY-SRF05~~

~~Datasheet~~

~~Ultrasonic~~

~~Distance Sensor~~

~~—HYSRF05~~

HY - SRF05

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Ultrasonic

Ultrasonic Range

Finder Module;

KEY FEATURES OF

HY-SRF05

ULTRASONIC RANGE

FINDER MODULE: 2

cm -450 cm (15

feet) detection

range; 40 kHz

operation; 15

degree field of

view; 5V

operation; The

detection and

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Ultrasonic

Distance

measurement
range is from 2
cm up to 450 cm

which is about

15 feet with a
stated accuracy
of +/- 2mm. The
ultrasonic sound
is pulsed at 40
kHz and is not
audible to the
human ear.

~~HY-SRF05~~

Page 20/51

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Ultrasonic

~~Ultrasonic Range~~

~~Finder Module~~

~~ProtoSupplies~~

5. Detection

distance:

2cm-450cm. 6.

High precision:

Up to 0.2cm 7.

Input trigger

signal: 10us TTL

impulse 8. Echo

signal : output

TTL PWL signal

9. Mode of

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Ultrasonic

connection: 10.

1.VCC 2.trig(T)

3.echo(R) 4.OUT

5.GND 11. Use

method: 12.

Supply module

with 5V, the

output will be

5V while

obstacle in

range, or 0V if

not.

~~HY SRF05~~

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Ultrasonic

~~Ultrasonic~~

~~Distance Sensor~~

~~— Arduino —~~

The HY-SRF05 is

~~Distance~~
an ultrasonic

emitter/receiver

used to measure

distance with a

precision of

~0.3cm. It sends

out a 40 KHz

square wave

signal that

reflects on

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Ultrasonic

objects in front of the sensor. This signal is then read back by the sensor and the duration of the received signal is reflected on the ECHO pin.

~~Arduino Uno and
HY SRF05
ultrasonic~~

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Ultrasonic

~~Distance~~ example

Sensor Hy Srf05

Ultrasonic

distance sensor

(HY-SRF05) with

2channel Logic

Level converter

Use two GPIO

Trig(T) Echo(E)

Update --> check

distance and

update T28 -->

Trig use GPIO28

E29 --> Echo use

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Ultrasonic

GPI029

Ultrasonic
sensor module

Description : #
cd

RPi.GPIO-0.5.3a

- Working

Voltage : 5V(DC)

- Static

current: Less
than 2mA.

~~Ultrasonic~~

~~distance sensor~~

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Ultrasonic

~~(HY-SRF05)~~

~~Detection
distance ...~~

Arduino

ultrasonic

sensor (HC-SR04
or HY-SRF05)

Both these
ultrasonic range
modules are
fairly cheap
modules, expect
the HY-SRF05 to
be the more

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Ultrasonic

expensive of the
these two. At a
quick glance
there are only
small

differences
between these
two: HC-SR04 HY-
SRF05 Working
Voltage 5 VDC 5
VDC Static
current < 2mA <2
mA Output
signal:

File Type PDF

Ultrasonic

Distance

~~Arduino~~

~~ultrasonic~~

~~sensor (HC-SR04~~

~~or HY-SRF05)~~

SRF05 - Ultra-

Sonic Ranger

Technical

Specification.

Introduction The

SRF05 is an

evolutionary

step from the

SRF04, and has

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Ultrasonic

been designed to increase flexibility, increase range, and to reduce costs still further. As such, the SRF05 is fully compatible with the SRF04. Range is increased from 3 meters to 4 meters.

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Ultrasonic

Distance

~~SRF05 Technical
Documentation -
Robot~~

~~Electronics~~

Ultrasonic

Sensor - HY-

SRF05 - HY-SRF05

- Distance -

With this

ultrasonic

sensor you can

easily measure a

distance. To use

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Ultrasonic

Distance
Sensor Hy Srf05
Detection
the sensor with
arduino see this
page: How to Use
and HC-SR04

Ultrasonic With
this ultrasonic
sensor you can
easily measure a
distance.

~~Ultrasonic~~

~~Sensor - HY~~

~~SRF05 - HY SRF05~~

Most of the

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Ultrasonic

Distance

modules include
a Transmitter
and a receiver.

The receiver and
transmitter of
the SRF04 and
SRF05 modules
are adjacent to
each other and
can detect
objects in the
range of 2 to
300 cm

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Distance. The SRF05 module is an improved version of SRF04. This version supports dual-mode and includes 5 pins to work with.

~~Getting Started
with Ultrasonic
Module SRF05 and
Arduino . . .~~

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HY-SRF05:

Working Voltage:

5 VDC: 5 VDC:

Static current <

2mA <2 mA:

Output signal:

Electric

frequency

signal, high

level 5V, low

level 0V:

Electric

frequency

signal, high

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Ultrasonic

level 5V, low
level 0V: Sensor
angle < 15
degrees < 15
degrees:
Detection
distance
(claimed)
2cm-450cm:
2cm-450cm:
precision ~ 3 mm
 ~ 2 mm: Input
trigger signal:
10us TTL

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Ultrasonic

Impulse: 10us

TTL impulse:

Echo signal

Detection

~~Arduino~~

~~ultrasonic~~

~~sensor (HC-SR04~~

~~or HY-SRF05) |~~

~~Jontas~~

Buy 5Pcs HY

SRF05 Ultrasonic

Distance Sensor

Module Measuring

Sensor Module

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Ultrasonic

Distance
Sensor Hy Srf05
Detection
Distance
from merchant
f.umlead.cooking
Online Store at
affordable price
and best
quality. You can
get up to 50%
off Discount
when you
purchase this
product from our
website, so you
only have to pay
US\$9.56 for 5Pcs

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HY SRF05

Ultrasonic

Distance Sensor

Module Measuring

Sensor Module. We

offers a wide

variety of

similar product

so ...

~~[HOT SALE up to~~

~~50%] 5Pcs HY~~

~~SRF05 Ultrasonic~~

~~Distance ...~~

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Hello im working

too with SRF05

Ultrasonic

Sensor . Here is

the code im

using for Dont

forget to change

return(

(unsigned int)

(pulse_length /

148)); 148 to

58 from inch to

cm #define SONAR

_TRIGGER_PIN 2

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```
#define  
SONAR_ECHO_PIN 3  
unsigned int mea  
sure_distance()  
{ // Trigger the  
SRF05: digitalWrite  
ite(SONAR_TRIGGE  
R_PIN, HIGH); de  
layMicroseconds(  
10);
```

~~HY-SRF05~~

~~Ultrasonic~~

~~Sensor - Arduino~~

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Buy HY SRF05

Ultrasonic

Distance Sensor

Module Measuring

Sensor Module

from merchant

erabon.eu Online

Store at

affordable price

and best

quality. You can

get up to 70%

off Discount

when you

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Distance
Sensor Hy Srf05
Detection
Distance

Purchase this product from our website, so you only have to pay 234

u0440u0443u0431.

for HY SRF05

Ultrasonic

Distance Sensor

Module Measuring

Sensor Module.We

offers a wide

variety of

similar product

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Distance . . .

Sensor Hy Srf05

~~[PRICE] HY SRF05~~

~~Ultrasonic~~

~~Distance Sensor~~

~~Module . . .~~

Ultrasonic

SRF05. The

SRF005 sensor is

an ultrasonic

distance

measuring module

which requires

either one

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PICAXE I/O line or an input plus output line to use. The SRF005 sensor produces a pulse of varying length which corresponds to the distance between itself and a detected object or obstacle when it

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is instructed to
do so.

Sensor Hy Srf05

~~Detection~~
~~Ultrasonic SRF05~~
~~Distance~~
~~Circuit~~

~~Creator~~ — PICAXE

Buy 5Pcs HY

SRF05 Ultrasonic

Distance Sensor

Module Measuring

Sensor Module

from merchant

s.umlead.garden

Online Store at

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Ultrasonic

Distance
Sensor Hy Srf05
Detection
Discount

affordable price
and best
quality. You can
get up to 15%
off when you
purchase this
product from our
website, so you
only have to pay
US\$9.56 for 5Pcs
HY SRF05

Ultrasonic
Distance Sensor

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Ultrasonic

Distance Measuring
Sensor Module. We
offers a wide
variety of
similar product
so ...

~~[HOT SALE up to
65%] 5Pcs HY
SRF05 Ultrasonic
Distance ...~~
Free delivery
and returns on
eligible orders.

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Buy HALJIA HY-SRF05 Ultrasonic Distance Sensor Module Measuring Module

Compatible with Arduino at Amazon UK.

~~HALJIA HY-SRF05 Ultrasonic Distance Sensor Module: Amazon~~

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Distance 5PACK

Ultrasonic
Sensor Hy Srf05

Module 5Pin DC

Distance
HY-SRF05

Distance

Measuring

Transducer

Sensor 5V For

Arduino + 5PACK

Jumper Wires

Female to

Female, male to

Female 5 PIN +

5PACK Mounting

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Ultrasonic

Bracket + 10PACK

Screw:

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Business,

Industry &

Science

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