Subject: Date: / /
Sensors
I Walterlay (Motton telephon Sensit) 12
1) Tit sensor: dubliment
* detect inclines using conducting Liquid Suchas [Nolling tall
Rolling ball
+ has 2 models 1
mercury, mercury
for a tribate of power in proof it williams
Code: defends on HIGH, LOW
1 100 (1) 1 10 1 2 CHAIR
2) LOR (Light defendent BESSER Sensor)
WOYX Idea: Voviable resistance sensitive to Light intensi-
WOIN I DEA! VANIABLE VESISTANCE SENDITIVE INTO I THE INTERIOR
Intensity Resistance Voltage
Manager to the second to the s
R x 1 light
Lux intensity value oraig (s
3) PTR (Passive InFVa-Red Sensor) Lux
_ detect any motion (7m) around sensor
A substitute of substitute of the state of t
Ex: Jaclailai
B) MTC CAudio consort
4) PING
- measure distance of moving object (3m)
- uses ultra sound has 3 Plas Fravound
distance = delay/73/19
× V
cr Ms

3

70 - 70 - 21 90 - 15°

Subje	ect: Date: / / socialize
5)	Maxsensor (Motion detection sensor)
-	The same of the sa
100 m	- Max sensor more simple than PING
<u></u>	has internal Pulses Ause 110100
	عنى أنا اللي بدخلها
	- measure distance of moving object (7.5 m)
	- distance - delay/58
	cm (MS) the molecular (S
6)	IR (Infra Red Sensor)
	- measure distance of moving object between 15 to 150cm Uses Infra signal Relation between Voltage and distace is non linear
7)	Piezo Sensor
	الدُهنزارات الله الله الله الله الله الله الله ال
	Vibrations -> Voltages Last what wing 1979 (
	* Vibrations of Voltage Strength
8)	MTC (Audio sensor)
	FIATAI
	_ convert audio signal into Vibrations

- LEST WAY

3	
	Subject: / /
	9) Temperture Sensor
	+ R Changes with T
	* T Range From SS to 150°C
	EX: RTO , Thermistor
	10) RFID (Radio Frequency Identification)
	- defends on serial Communication
	New Soft Serial > , 19/201 Pin (sil un Serial zià"
	(0,1) 1,56
	11) GPS (GloPa) Position System)
	has internal microcontroller
	use serial communication
	In code:
	_Course refer to direction
	- Fix-age refer to time returned in ms
	12) Accelerometer
	- Yead XX acceleration using MEMS.
	MENS.
1	3) GYVOSCOPE
	device in air Plane and Rockets
	- Yead Yotating around Z using MEMS.
	ground 2 Using MI-MS.