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Models

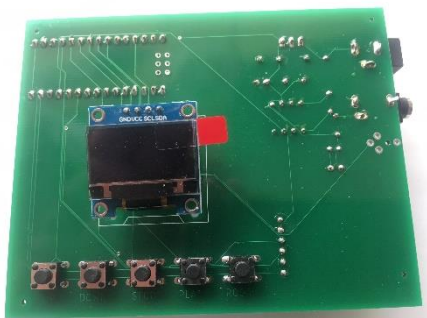
This document is for the following models of TZXDuino

- TZXDuino
- TZXDuino Compact

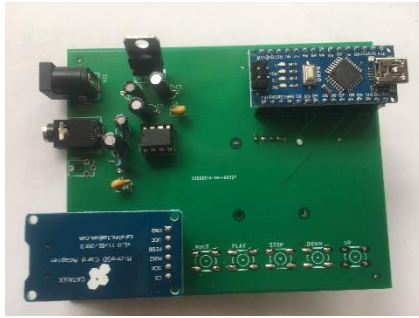
Later you'll find a parts section for each model. Make sure you refer to your model if you are purchasing parts yourself.

Tips

- Solder the OLED and buttons on the other side from the rest of the components. Usually the side that is darker green.



- When you solder the SD Module you will have to bend the pins 90 degrees so the card entrance is pointing the same way as the jack ports



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- The components are sometimes hard to read and you may need a magnifying glass.
- To install the firmware there is a quick install tool called TZX_Tools. Also works with ArduiTape, Casduino and Maxduino. https://github.com/rickyelqasem/TZX_Tools
- I don't own the firmware. If there are any issues you need to contact Duncan over at > <http://arduitape.blogspot.com/>
- In the parts section I have provided some links so you can make sure you are buying the right part. If the link is broken let me know.

Parts

TZXDduino Parts

Part	Value	Type
C3	10uf	
C4	220uf	
C5	56nf	Ceramic 563
C6	100nf	Ceramic 104
C7	100uf	
DOWN		Taticile Push Button
IC2	LM386N-1	Dip
PLAY		Taticile Push Button
R2	10ohm	
REMOTE		2.5mm jack
ROOT		Taticile Push Button
SDMODULE		
STOP		Taticile Push Button
U\$1	NANO v3	Arduino
U\$2	DISPLAY-OLED-128X64-I2C	GND on pin1
UP		Taticile Push Button

VCC	DCJ0202	
X1	STEREOJACK	3.5mm jack

TZXDduino Compact Parts

Part	Value	Type
C3	10uf	Electrolytic
C4	220uf	Electrolytic
C5	56nf	Ceramic 563
C6	100nf	Ceramic 104
C7	100uf	Electrolytic
DOWN		Taticile Push Button
IC2	LM386N-1	Dip
PLAY		Taticile Push Button
R2	10ohm	
REMOTE		2.5mm jack
ROOT		Taticile Push Button
SDMODULE		
STOP		Taticile Push Button
U\$1	NANO v3	Arduino
U\$2	DISPLAY-OLED-128X64-I2C	GND on pin1
UP		Taticile Push Button
X1	STEREOJACK	3.5mm jack