<https://www.mouser.com/c/test-measurement/function-generators-synthesizers/?sort=pricing>

<https://electronics.stackexchange.com/questions/160045/sine-triangle-and-square-wave-generator>

<https://www.youtube.com/watch?v=Y1KE8eAC9Bk>

^Example for building a wavegen? Might be a good example

<https://www.reddit.com/r/esp32/comments/jew53d/waveform_generator_ic_esp32/>

<https://forum.dronebotworkshop.com/esp32-esp8266/a-5-function-generator-with-esp32/#:~:text=The%20ESP32%20has%20a%20built,outputs%20(GPIO25%20and%20GPIO26)>.

^Using the ESP32 as a wavegen

MSOP10 to DIP connector (SMD to breadboard)

<https://www.digikey.com/en/products/detail/chip-quik-inc./PA0027C/12352197?utm_adgroup=General&utm_source=google&utm_medium=cpc&utm_campaign=PMax%20Shopping_Product_Zombie%20SKUs&utm_term=&utm_content=General&utm_id=go_cmp-17815035045_adg-_ad-__dev-c_ext-_prd-12352197_sig-Cj0KCQiAoKeuBhCoARIsAB4Wxtcao81c6B2Qg9JR-H8p7CTC78-4B3R0ABmx8EzshgqYWpqJffnMTZ8aAqxjEALw_wcB&gad_source=4&gclid=Cj0KCQiAoKeuBhCoARIsAB4Wxtcao81c6B2Qg9JR-H8p7CTC78-4B3R0ABmx8EzshgqYWpqJffnMTZ8aAqxjEALw_wcB>

TSSOP-16 to DIP connector

<https://www.mouser.com/ProductDetail/Aries-Electronics/LCQT-TSSOP16?qs=%252Bfs1VP4DyWk6kIKFlAlBCA%3D%3D&mgh=1&gad_source=1&gclid=Cj0KCQiAoKeuBhCoARIsAB4WxtejN7WJapXWTzFSWXUrwrZkw7XaFiw2pcB9lDMebvPB38tgWYrhCI0aAh_zEALw_wcB>

There are also socket connections for more money

<https://www.mouser.com/datasheet/2/609/AD5932-3118495.pdf>

* Price: 11.00
* Powers at: 2.3 - 5.5 V
* Package type: ???????? SMD
* Clock Rate: 40 MHz
* Will need 2 0.1 uF cap, a 100 nF cap, and a 20 pF cap

<https://www.mouser.com/c/semiconductors/data-converter-ics/data-acquisition-adcs-dacs-specialized/?m=Analog%20Devices%20Inc.&series=AD9835&sort=pricing>

9835 line ^

<https://www.mouser.com/ProductDetail/Analog-Devices/AD9835BRUZ?qs=BpaRKvA4VqG04XKvuPeVnA%3D%3D>

AD9835BRUZ

* Price: $23.85