

SI4432 UHF Transceiver

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These programs are based on programs written in JAL on a PIC, controlling the SI4432 UHF transceiver, described here http://mientki.ruhosting.nl/data_www/raspberry/doc/si4432_support_package.html
We've replaced the PIC with an ESP32 and the programming on the controlling computer is done in Python 3.6 or 3.7 (was Python 2.7).

ESP32	SI4432	Notes
	1 = GND	
	5 = Vcc	3V3
19 = MISO	6 = SDO	
23 = MOSI	7 = SDI	
18 = CLK	8 = SCLK	
5 = SS	9 = NSEL	
22	10 = NINTR	Not used at the moment
17	11=SDN	ShutDown (for a hard reset)
	12 = GND	

Converted and tested:

- SI4432 UHF_Generator. ID = \xAA\xBB\xC1 >>>>relative link

Converted:

ToDo:

Changes

- The starting ID-String \xAA\xBB\xCC is replaced by a unique string per application, so the extra program number ID, like \xFB\xF6 for the UHF-Generator is not necessary anymore. The ID-string is first send by the computer and is echoed by the ESP.