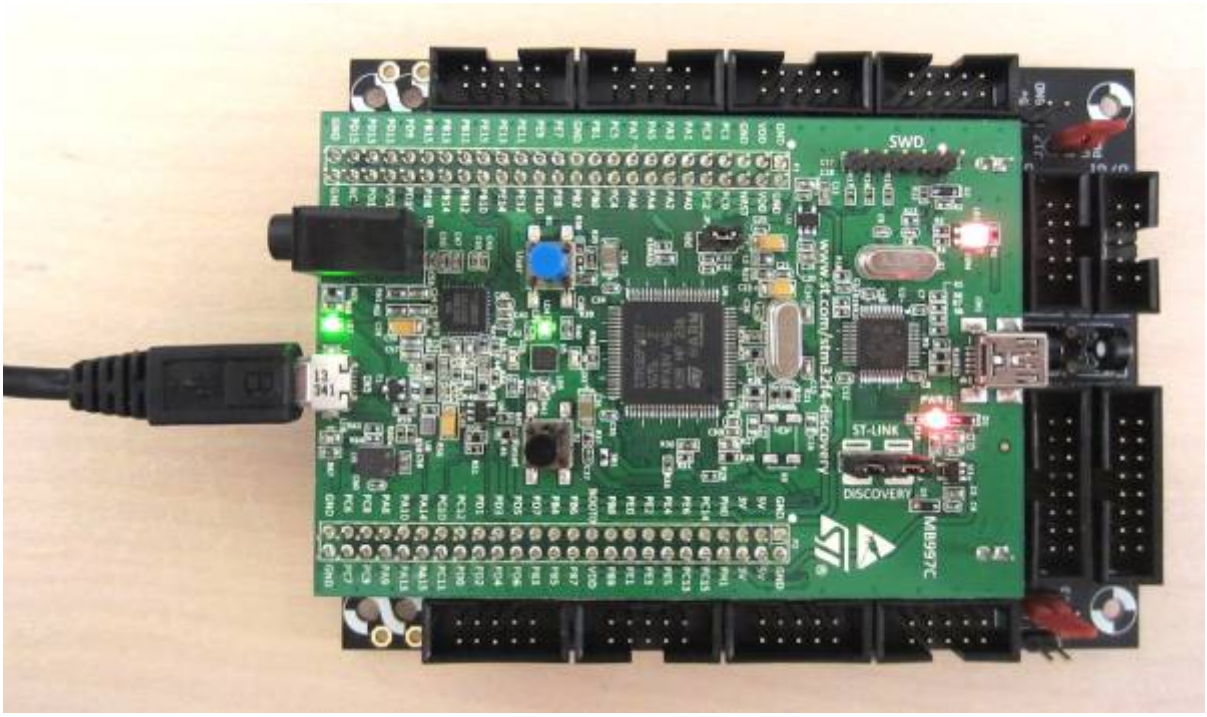
STM32F4 Core 32 Board parts list



- Official Ucapps Page
- Core32 Schematic[UCApps]
- Official STM32F4 Page

Parts List

Description	Type	Quantity	Reichelt Ref	Mouser Ref	Digikey Ref
STM32F4 Board	Mainboard	1		511-STM32F407G-DISC1	
74HC595	IC	1	74HC 595	595-SN74HC595N	
74HCT541	IC	1	74HCT 541	595-SN74HCT541N	
BC337	Transistor	1	BC 337-16	512-BC33740TA	
4*1kΩ	Resistor	1	1.0k	652-4605X-AP1-102LF	
1kΩ	Resistor	2	1/4W 1.0k	291-1K-RC	
2,2kΩ	Resistor	4	1/4W 2.2k	291-2.2K-RC	
10kΩ	Resistor	1	1/4W 10k	291-10K-RC	
10kΩ Pot	Pot	2	PT 6-L 10K	72-T70XX-10K	
1N4148	Diode	1	1N 4148	512-1N4148	
100nF	Cap Ceram	2	Z5U-2,5 100n	80-C412C104K5R	
DIP16 Socket	Socket	1	GS 16	653-XR2A-1611-N	
DIP20 Socket	Socket	1	GS 20	653-XR2A-2001-N	
DIL 2×5 Socket	Socket	10	PFL 10	538-87834-1019	
DIL 2×8 Socket	Socket	2	PFL 16	538-87834-1619	
DIL 25×2 Socket	Socket	2	BL 2X25G 2,54	649-66953-025LF	
SD Card Socket	Socket	1		SD-RSMT-2-MQ	

Mouser Project Cart:
https://www.mouser.com/ProjectManager/ProjectDetail.aspx?AccessID=e9426707a4

Datasheets

- STM32F407G
- 74HC595
- 74HCT541

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