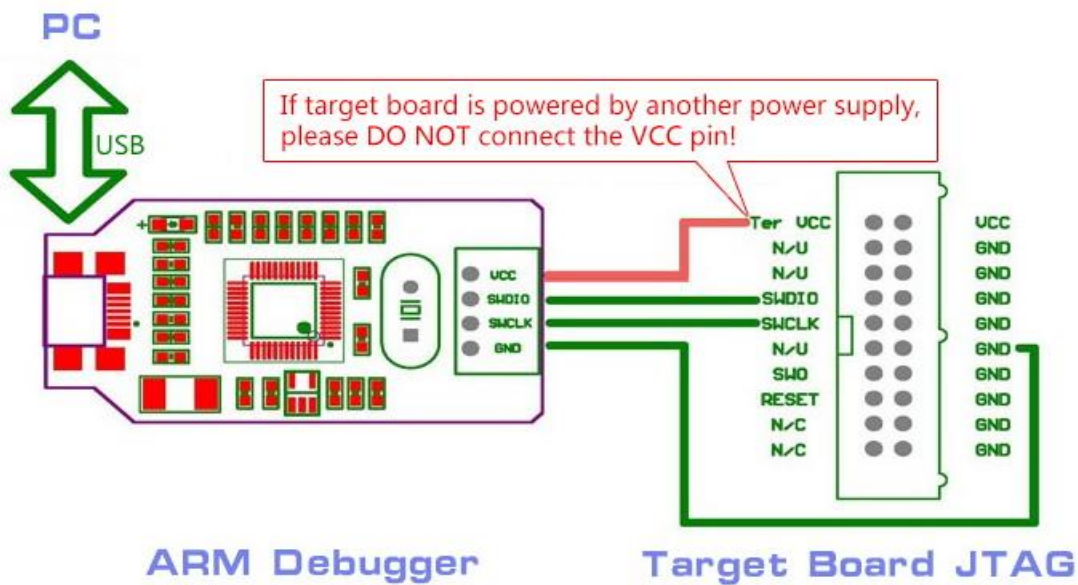


ARM JTAG/SWD Debugger és programozó

Az ARM Debugger egy programozó és debugger, ami támogatja a legnépszerűbb ARM alapú mikrokontrollereket, pl ARM7/9/11, Cortex-M0/M3/M4, stb.

Hardver csatlakoztatás



Ha a cél alaplap kap tápot külső forrásból, akkor a pirossal jelölt Vcc lábat nem szabad csatlakoztatni!

Az eszköz sérülésének elkerülése érdekében ügyelj rá, hogy a Vcc és GND lábak véletlenül se kerüljenek felcserélésre!

Tulajdonságok

- Beépített biztosíték, ami megvédi a készüléket egy esetleges rövidzárlat okozta sérüléstől
- 3.3V kimeneti feszültség
- Univerzális Micro USB csatoló
- Műanyag védőfóliával védett
- Egyedi azonosító, így egyszerre akár több programozó is használható

Funkciók

- Debugging (hibakeresés)

- Támogatja a teljes sebességű futtatást, léptetést, töréspontokat, IO állapot ellenőrzést, stb
- Gyors válaszidő az USB2.0 csatolónak köszönhetően
- **Programozás**
- FLASH ROM, EEPROM, AFR, stb programozás.
- Gyors SWD programozás az USB2.0 csatolónak köszönhetően

Támogatott szoftverek

- Keil MDK-ARM
- IAR EWARM
- J-Flash ARM
- ColIDE
- mikroC PRO for ARM
- nRFgo Studio (Version 1.15 OR before)

Támogatott mikrokontrollerek

Az alábbi SWD csatolóval rendelkező ARM7, ARM9, ARM11, Cortex-M0, Cortex-M3, Cortex-M4 MCU-k:

Gyártó	Típuszám
ST	STA2051, STM32F101C4, STM32F101C6, STM32F101C8, STM32F101CB, STM32F101R4, STM32F101R6, STM32F101R8, STM32F101RB, STM32F101RC, STM32F101RD, STM32F101RE, STM32F101T4, STM32F101T6, STM32F101T8, STM32F101V8, STM32F101VB, STM32F101VC, STM32F101VD, STM32F101VE, STM32F101ZC, STM32F101ZD, STM32F101ZE, STM32F102C4, STM32F102C6, STM32F102C8, STM32F102CB, STM32F102R4, STM32F102R6, STM32F102R8, STM32F102RB, STM32F103C4, STM32F103C6, STM32F103C8, STM32F103CB, STM32F103R4, STM32F103R6, STM32F103R8, STM32F103RB, STM32F103RC, STM32F103RD, STM32F103RE, STM32F103T4, STM32F103T6, STM32F103T8, STM32F103V8, STM32F103VB, STM32F103VC, STM32F103VD, STM32F103VE, STM32F103ZC, STM32F103ZD, STM32F103ZE, STM32F105R8, STM32F105RB, STM32F105RC, STM32F105V8, STM32F105VB, STM32F105VC, STM32F107RB, STM32F107RC, STM32F107VB, STM32F107VC
NXP	LH75400, LH75401, LH75410, LH75411, LH79520, LH79524, LH79525, LH7A400, LH7A404, LPC1102UK, LPC1111/101, LPC1111/102, LPC1111/201, LPC1111/202, LPC1112/101, LPC1112/102, LPC1112/201, LPC1112/202, LPC1113/201, LPC1113/202, LPC1113/301, LPC1113/302, LPC1114/201, LPC1114/202, LPC1114/301, LPC1114/302, LPC111C12/301, LPC111C14/301, LPC111C22/301, LPC111C24/301, LPC111U12/201, LPC111U13/201, LPC111U14/201, LPC1224/101, LPC1224/121, LPC1225/301, LPC1225/321, LPC1226/301, LPC1227/301, LPC1311, LPC1311/01, LPC1313, LPC1313/01, LPC1342, LPC1343, LPC1751, LPC1752, LPC1754, LPC1756, LPC1758, LPC1759, LPC1763, LPC1764, LPC1765, LPC1766, LPC1767, LPC1768, LPC1769, LPC1774, LPC1776, LPC1777, LPC1778, LPC1785, LPC1786, LPC1787, LPC1788, LPC1810, LPC1820, LPC1830, LPC1850, LPC2101, LPC2102, LPC2103, LPC2104, LPC2104/01, LPC2105, LPC2105/01, LPC2106, LPC2106/01, LPC2109, LPC2109/01, LPC2114, LPC2114/01, LPC2119, LPC2119/01, LPC2124, LPC2124/01, LPC2129, LPC2129/01, LPC2131, LPC2131/01, LPC2132, LPC2132/01, LPC2134, LPC2134/01, LPC2136, LPC2136/01, LPC2138, LPC2138/01, LPC2141, LPC2142, LPC2144, LPC2146, LPC2148, LPC2194, LPC2194/01, LPC2210, LPC2210/01, LPC2212, LPC2212/01, LPC2214, LPC2214/01, LPC2220, LPC2290, LPC2290/01, LPC2292, LPC2292/01, LPC2294, LPC2294/01, LPC2361, LPC2362, LPC2364, LPC2365,

	LPC2366, LPC2367, LPC2368, LPC2377, LPC2378, LPC2387, LPC2388, LPC2420, LPC2458, LPC2460, LPC2468, LPC2470, LPC2478, LPC2880, LPC2888, LPC2917, LPC2917/01, LPC2919, LPC2919/01, LPC2921, LPC2923, LPC2925, LPC2926, LPC2927, LPC2929, LPC2930, LPC2939, LPC3130, LPC3131, LPC3141, LPC3143, LPC3152, LPC3154, LPC3180, LPC3220, LPC3230, LPC3240, LPC3250, SJA2010
SAMSUNG	S3C2410A, S3C2440A, S3C44B0X, S3C4510B, S3F4A0KR, S3F4A1HR, S3F4A2FR, S3FM02G
ATMEL	AT91C140, AT91F40416, AT91F40816, AT91FR40162, AT91FR4042, AT91FR4081, AT91M40400, AT91M40800, AT91M40807, AT91M42800A, AT91M43300, AT91M55800A, AT91M63200, AT91R40008, AT91R40807, AT91RM3400, AT91RM9200, AT91SAM3S1A, AT91SAM3S1B, AT91SAM3S1C, AT91SAM3S2A, AT91SAM3S2B, AT91SAM3S2C, AT91SAM3S4A, AT91SAM3S4B, AT91SAM3S4C, AT91SAM3U1C, AT91SAM3U1E, AT91SAM3U2C, AT91SAM3U2E, AT91SAM3U4C, AT91SAM3U4E, AT91SAM7A1, AT91SAM7A2, AT91SAM7A3, AT91SAM7L128, AT91SAM7L64, AT91SAM7S128, AT91SAM7S16, AT91SAM7S161, AT91SAM7S256, AT91SAM7S32, AT91SAM7S321, AT91SAM7S512, AT91SAM7S64, AT91SAM7SE256, AT91SAM7SE32, AT91SAM7SE512, AT91SAM7X128, AT91SAM7X256, AT91SAM7X512, AT91SAM7XC128, AT91SAM7XC256, AT91SAM7XC512, AT91SAM9260, AT91SAM9261, AT91SAM9261S, AT91SAM9263, AT91SAM9G10, AT91SAM9G20, AT91SAM9G45, AT91SAM9M10, AT91SAM9R64, AT91SAM9RL64, AT91SAM9XE128, AT91SAM9XE256, AT91SAM9XE512, SAM3N1A, SAM3N1B, SAM3N1C, SAM3N2A, SAM3N2B, SAM3N2C, SAM3N4A, SAM3N4B, SAM3N4C
TI	TMS470R1A128, TMS470R1A256, TMS470R1A288, TMS470R1A384, TMS470R1A64, TMS470R1B1M, TMS470R1B512, TMS470R1B768
Freescape	MAC7101, MAC7104, MAC7105, MAC7106, MAC7111, MAC7112, MAC7114, MAC7115, MAC7116, MAC7121, MAC7122, MAC7124, MAC7125, MAC7126, MAC7131, MAC7134, MAC7135, MAC7136, MAC7141, MAC7142, MAC7144, MC9328MX21, MCIMX27, MCIMX27L, MK10N512VMD100, MK10X128VMD100, MK10X256VMD100, MK20N512VMD100, MK20X128VMD100, MK20X256VMD100, MK30N512VMD100, MK30X128VMD100, MK30X256VMD100, MK40N512VMD100, MK40X128VMD100, MK40X256VMD100, MK50N512CMD100, MK51N512CMD100, MK52N512CMD100, MK53N512CMD100, MK60N512VMD100, MK60X256VMD100
OKI	ML674000, ML674001, ML674002, ML674003, ML675001, ML675002, ML675003, ML675011, ML67Q4050, ML67Q4051, ML67Q4060, ML67Q4061, ML67Q5250, ML67Q5260, ML696201, ML69Q6203
ANALOG DEVICES	ADuC7019, ADuC7020, ADuC7021, ADuC7022, ADuC7023, ADuC7024, ADuC7025, ADuC7026, ADuC7027, ADuC7028, ADuC7030, ADuC7032, ADuC7033, ADuC7034, ADuC7036, ADuC7037, ADuC7038, ADuC7039, ADuC7060, ADuC7061, ADuC7062, ADuC7122, ADuC7128, ADuC7129, ADuC7229
LUMINARY	LM3S101, LM3S102, LM3S1110, LM3S1133, LM3S1138, LM3S1150, LM3S1162, LM3S1165, LM3S1166, LM3S1332, LM3S1435, LM3S1439, LM3S1512, LM3S1538, LM3S1601, LM3S1607, LM3S1608, LM3S1620, LM3S1621, LM3S1625, LM3S1626, LM3S1627, LM3S1635, LM3S1636, LM3S1637, LM3S1651, LM3S1751, LM3S1776, LM3S1811, LM3S1816, LM3S1850, LM3S1911, LM3S1918, LM3S1937, LM3S1958, LM3S1960, LM3S1968, LM3S1969, LM3S1B21, LM3S1J11, LM3S1J16, LM3S1N11, LM3S1N16, LM3S1P51, LM3S1R21, LM3S1R26, LM3S1W16, LM3S1Z16, LM3S2110, LM3S2139, LM3S2276, LM3S2410, LM3S2412, LM3S2432, LM3S2533, LM3S2601, LM3S2608, LM3S2616, LM3S2620, LM3S2637, LM3S2651, LM3S2671, LM3S2678, LM3S2730, LM3S2739, LM3S2776, LM3S2793, LM3S2911, LM3S2918, LM3S2919, LM3S2939, LM3S2948, LM3S2950, LM3S2965, LM3S2B93, LM3S300, LM3S301, LM3S308, LM3S310, LM3S315, LM3S316, LM3S317, LM3S328, LM3S3634, LM3S3651, LM3S3739, LM3S3748, LM3S3749, LM3S3826, LM3S3J26, LM3S3N26, LM3S3W26, LM3S3Z26, LM3S5632, LM3S5651, LM3S5652, LM3S5656, LM3S5662, LM3S5732, LM3S5737, LM3S5739, LM3S5747, LM3S5749, LM3S5752, LM3S5762, LM3S5791, LM3S5951, LM3S5956, LM3S5B91, LM3S5K31, LM3S5K36, LM3S5P31, LM3S5P36, LM3S5P51, LM3S5P56, LM3S5R31, LM3S5R36, LM3S5T36, LM3S5Y36, LM3S600, LM3S601, LM3S608, LM3S610, LM3S6100, LM3S611, LM3S6110, LM3S612, LM3S613, LM3S615, LM3S617, LM3S618, LM3S628, LM3S6420, LM3S6422, LM3S6432, LM3S6537, LM3S6610, LM3S6611, LM3S6618, LM3S6633, LM3S6637, LM3S6730, LM3S6753, LM3S6911, LM3S6918, LM3S6938, LM3S6950, LM3S6952, LM3S6965, LM3S800, LM3S801, LM3S808, LM3S811, LM3S812, LM3S815, LM3S817, LM3S818,

	LM3S828, LM3S8530, LM3S8538, LM3S8630, LM3S8730, LM3S8733, LM3S8738, LM3S8930, LM3S8933, LM3S8938, LM3S8962, LM3S8970, LM3S8971, LM3S9781, LM3S9790, LM3S9792, LM3S9997, LM3S9B81, LM3S9B90, LM3S9B92, LM3S9B95, LM3S9B96, LM3S9L97
MICROSEMI	A2F200M3F, A2F500M3G, COREMP7, Cortex-M1
CIRRUS LOGIC	CS740110-IQZ, CS740120-IQZ, CS740130-IQZ
EMBER	EM351, EM357
ENERGY	EFM32G200F16, EFM32G200F32, EFM32G200F64, EFM32G210F128, EFM32G230F128, EFM32G230F32, EFM32G230F64, EFM32G280F128, EFM32G280F32, EFM32G280F64, EFM32G290F128, EFM32G290F32, EFM32G290F64, EFM32G840F128, EFM32G840F32, EFM32G840F64, EFM32G880F128, EFM32G880F32, EFM32G880F64, EFM32G890F128, EFM32G890F32, EFM32G890F64, EFM32TG108F16, EFM32TG108F32, EFM32TG108F4, EFM32TG108F8, EFM32TG110F16, EFM32TG110F32, EFM32TG110F4, EFM32TG110F8, EFM32TG210F16, EFM32TG210F32, EFM32TG210F8, EFM32TG230F16, EFM32TG230F32, EFM32TG230F8, EFM32TG840F16, EFM32TG840F32, EFM32TG840F8
FUJITSU	MB9AF102N, MB9AF102R, MB9AF104N, MB9AF104R, MB9AF112L, MB9AF112M, MB9AF112N, MB9AF114L, MB9AF114M, MB9AF114N, MB9AF115M, MB9AF115N, MB9AF116M, MB9AF116N, MB9AF312L, MB9AF312M, MB9AF312N, MB9AF314L, MB9AF314M, MB9AF314N, MB9AF315M, MB9AF315N, MB9AF316M, MB9AF316N, MB9BF104N, MB9BF104R, MB9BF105N, MB9BF105R, MB9BF106N, MB9BF106R, MB9BF304N, MB9BF304R, MB9BF305N, MB9BF305R, MB9BF306N, MB9BF306R, MB9BF404N, MB9BF404R, MB9BF405N, MB9BF405R, MB9BF406N, MB9BF406R, MB9BF504N, MB9BF504R, MB9BF505N, MB9BF505R, MB9BF506N, MB9BF506R
HOLTEK	HT32F1251, HT32F1251B, HT32F1252, HT32F1253
NUVOTON	M0516LAN, M0516ZAN, M052LAN, M052ZAN, M054LAN, M054ZAN, M058LAN, M058ZAN, NUC100LC1AN, NUC100LD1AN, NUC100LD2AN, NUC100LD3AN, NUC100LE3AN, NUC100RC1AN, NUC100RD1AN, NUC100RD2AN, NUC100RD3AN, NUC100RE3AN, NUC100VD2AN, NUC100VD3AN, NUC100VE3AN, NUC101LC1AN, NUC101LD2AN, NUC101LE3AN, NUC101RC1AN, NUC101RD2AN, NUC101RE3AN, NUC101VC1AN, NUC101VD2AN, NUC101VE3AN, NUC120LC1AN, NUC120LD1AN, NUC120LD2AN, NUC120LD3AN, NUC120LE3AN, NUC120RC1AN, NUC120RD1AN, NUC120RD2AN, NUC120RD3AN, NUC120RE3AN, NUC120VD2AN, NUC120VD3AN, NUC120VE3AN, NUC122LC1AN, NUC122LD2AN, NUC122SC1AN, NUC122SD2AN, NUC122ZC1AN, NUC122ZD2AN, NUC130LD2AN, NUC130LD3AN, NUC130LE3AN, NUC130RD2AN, NUC130RD3AN, NUC130RE3AN, NUC130VD2AN, NUC130VD3AN, NUC130VE3AN, NUC140LD2AN, NUC140LD3AN, NUC140LE3AN, NUC140RD2AN, NUC140RD3AN, NUC140RE3AN, NUC140VD2AN, NUC140VD3AN, NUC140VE3AN, NUC710, NUC740, NUC745
ROHM	BU1511KV2
SOCTE	PC7130, PC7230
TOSHIBA	TMPA900CMXBG, TMPA910CRAXBG, TMPM321F10FG, TMPM324F10FG, TMPM330FDFG, TMPM330FWFG, TMPM330FYFG, TMPM332FWUG, TMPM333FDFG, TMPM333FWFG, TMPM333FYFG, TMPM341FDXBG, TMPM360F20FG, TMPM361F10FG, TMPM362F10FG, TMPM363F10FG, TMPM364F10FG, TMPM370FYDFG, TMPM370FYFG, TMPM372FWUG, TMPM373FWDUG, TMPM374FWUG, TMPM380FWDFG, TMPM380FWFG, TMPM380FYDFG, TMPM380FYFG, TMPM382FSFG, TMPM382FWFG, TMPM390FWFG, TMPM395FWXBG
	AS3525
ZILOG	ZA9L