



Notes complémentaires

- Le composant U7 (AT27C010-70PU) ne doit pas être assemblé directement sur la carte : il doit être monté sur un support PRECIP32 décrit ci-dessous sous la référence "U7 - Support"

Référence	Valeur	Empreinte	Référence fabricant	Référence Mouser	Fabricant	Qtt unitaire	Datasheet	Description
C1	1u	Custom:RDER	RDER72A102K0M1H03A	81-RDER72A102K0M1H3A	Murata Electronics	1	~	Unpolarized capacitor, small symbol
C2	0.1u	Custom:CAP	C322C104M1R5TA	80-C322C104M1R	KEMET	1	~	Unpolarized capacitor, small symbol
C3	1u	Custom:RDER	RDER72A102K0M1H03A	81-RDER72A102K0M1H3A	Murata Electronics	1	~	Unpolarized capacitor, small symbol
C4	1u	Custom:RDER	RDER72A102K0M1H03A	81-RDER72A102K0M1H3A	Murata Electronics	1	~	Unpolarized capacitor, small symbol
C5	0.33u	Capacitor_SM	GRM21AR72A334KAC5L	81-GRM21AR72A334KA5L	Murata Electronics	1	~	Unpolarized capacitor
C6	0.1u	Capacitor_SM	KAM21KR72A104KU	581-KAM21KR72A104KU	KYOCERA AVX	1	~	Unpolarized capacitor
C7	0.33u	Capacitor_SM	GRM21AR72A334KAC5L	81-GRM21AR72A334KA5L	Murata Electronics	1	~	Unpolarized capacitor
C8	0.1u	Capacitor_SM	KAM21KR72A104KU	581-KAM21KR72A104KU	KYOCERA AVX	1	~	Unpolarized capacitor
C9	0.1u	Capacitor_SM	KAM21KR72A104KU	581-KAM21KR72A104KU	KYOCERA AVX	1	~	Unpolarized capacitor
C10	1.7n	Capacitor_SM	08053A182FAT2A	581-08053A182FAT2A	KYOCERA AVX	1	~	Unpolarized capacitor, small symbol
C13	50p	Capacitor_SM	08051A500GAT2A	581-08051A500GAT2A	KYOCERA AVX	1	~	Unpolarized capacitor, small symbol
D2	1N4001	Diode_THT-D	1N4001	637-1N4001	Diotec Semiconductor	1	http://www.vit	50V 1A General Purpose Rectifier Diode, DO-41
D3	1N4001	Diode_THT-D	1N4001	637-1N4001	Diotec Semiconductor	1	http://www.vit	50V 1A General Purpose Rectifier Diode, DO-41
D4	1N4001	Diode_THT-D	1N4001	637-1N4001	Diotec Semiconductor	1	http://www.vit	50V 1A General Purpose Rectifier Diode, DO-41
D5	1N4001	Diode_THT-D	1N4001	637-1N4001	Diotec Semiconductor	1	http://www.vit	50V 1A General Purpose Rectifier Diode, DO-41
D6	HSMR-C170-R0000	LED_SMD:LED	HSMR-C170-R0000	630-HSMR-C170-R0000	Broadcom / Avago	1	~	Light emitting diode
D7	HSMR-C170-R0000	LED_SMD:LED	HSMR-C170-R0000	630-HSMR-C170-R0000	Broadcom / Avago	1	~	Light emitting diode
D8	HSMR-C170-R0000	LED_SMD:LED	HSMR-C170-R0000	630-HSMR-C170-R0000	Broadcom / Avago	1	~	Light emitting diode
D9	1N4001	Diode_THT-D	1N4001	637-1N4001	Diotec Semiconductor	1	http://www.vit	50V 1A General Purpose Rectifier Diode, DO-41
DS1	MDOB128032GV-YI	MDOB128032	MDOB128032GV-YI			1	http://www.m	OLED DISPLAY, COB, 128 X 32 PIXEL, 3V
J_CA1	5016	Custom:5016	5016	534-5016		1	http://www.ke	KEYSTONE - 5016 - u8FDeu63A5u5668, u6D4B1
J_PS1	Screw_Terminal_01x03	TerminalBlock	1548129	651-1548129	Phoenix Contact	1	~	Generic screw terminal, single row, 01x03, scri
J_RF1	U.FL-R-SMT(01)	Custom:HRS	U.FL-R-SMT(01)	798-U.FL-R-SMT01	Hirose Connector	1		U.FL Series 6 Ghz 50 Ohm Ultra-small SMT Coa
J_RS1	Conn_01x02_Socket	Connector_Pi	826646-2	571-826646-2	TE Connectivity	1	~	Generic connector, single row, 01x02, script ge
LED1	ADA1655	Custom:ADA1	1655	485-1655		1	https://cdn-st	NeoPixel 5050 RGB LED with Integrated Driver C
Q2	2N2222A	Package_TO_	2N2222A	637-2N2222A	Diotec Semiconductor	1	https://www.g	0.2A Ic, 40V Vce, Small Signal NPN Transistor, T
R1	100	Resistor_SMD:R	0805_2012Metric_Pad1.20x1.40mm_HandSolder			1	~	Resistor
R2	114k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor
R3	20k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor
R4	10k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor, small symbol
R5	100k	Resistor_SMD:CHV0805-FX-1003ELF	652-CHV0805FX1003ELF	Bourns		1	~	Resistor
R6	10k	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder				1	~	Resistor
R7	10k	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder				1	~	Resistor
R8	10k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor, small symbol
R9	10k	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder				1	~	Resistor, small symbol
R10	10M	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder				1	~	Resistor
R11	30k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor
R27	100	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder				1	~	Resistor
R28	100	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder				1	~	Resistor
R29	1k	Resistor_SMD:ERJ-6RBD1001V	667-ERJ-6RBD1001V	Panasonic		1	~	Resistor
R32	1.8k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor
R33	1k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor
R34	22k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor, small symbol
R35	22k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor, small symbol
R36	22k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor, small symbol
R37	22k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor, small symbol
R38	22k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor, small symbol
R40	22k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor, small symbol
R42	22k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor, small symbol
R43	22k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor, small symbol
R44	22k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor, small symbol
R45	11k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor, small symbol
R46	11k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor, small symbol
R47	11k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor, small symbol
R48	11k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor, small symbol
R49	11k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor, small symbol
R50	11k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor, small symbol
R51	11k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal				1	~	Resistor, small symbol
R54	10k	Resistor_SMD:ERJ-PB6B1002V	667-ERJ-PB6B1002V	Panasonic		1	~	Resistor
R55	10k	Resistor_SMD:ERJ-PB6B1002V	667-ERJ-PB6B1002V	Panasonic		1	~	Resistor
R56	10k	Resistor_SMD:ERJ-PB6B1002V	667-ERJ-PB6B1002V	Panasonic		1	~	Resistor
R57	10k	Resistor_SMD:ERJ-PB6B1002V	667-ERJ-PB6B1002V	Panasonic		1	~	Resistor
R58	10k	Resistor_SMD:ERJ-PB6B1002V	667-ERJ-PB6B1002V	Panasonic		1	~	Resistor
S1	B3U-1000P	Custom:SW-B	B3U-1000P	653-B3U-1000P	Omron Electronics	1		Tactile Switch SPST-NO Top Actuated Surface M
S2	1301.9315.24	Custom:1301	1301.9315.24	693-1301.9315.24	Schurter	1	https://www.s	SCHURTER - 1301.9315.24 - SWITCH, SMD, SP
S3	1301.9315.24	Custom:1301	1301.9315.24	693-1301.9315.24	Schurter	1	https://www.s	SCHURTER - 1301.9315.24 - SWITCH, SMD, SP
S4	JS202011SCQN	Custom:JS20	JS202011SCQN	611-JS202011SCQN		1	https://www.g	Sub miniature slide switches
SWD1	Conn_01x05_Socket	Connector_Pi	826646-5	571-826646-5	TE Connectivity	1	~	Generic connector, single row, 01x05, script ge
TP_GND1	5016	Custom:5016	5016	534-5016		1	http://www.ke	KEYSTONE - 5016 - u8FDeu63A5u5668, u6D4B1
TP_RF1	5016	Custom:5016	5016	534-5016		1	http://www.ke	KEYSTONE - 5016 - u8FDeu63A5u5668, u6D4B1
U1	STM32L053R8Tx	Package_QFP	STM32L053R8T6	511-STM32L053R8T6	STMicroelectronics	1	https://www.s	STMicroelectronics Arm Cortex-M0+ MCU, 64K
U2	SN74HC00D	Package_SO:S	SN74HC00DRG4	595-SN74HC00DRG4	Texas Instruments	1	http://www.ti	quad 2-input NAND gate
U5	LT1722ISS#TRMPBF	Package_TO_SOT_SMD:SOT-23-5_HandSoldering				1	https://www.g	Single, Dual, Quad 200MHz Low Noise Precisi
U6	LT1722ISS#TRMPBF	Package_TO_SOT_SMD:SOT-23-5_HandSoldering				1	https://www.g	Single, Dual, Quad 200MHz Low Noise Precisi
U7	AT27C010-70PU	Custom:DIP24	AT27C010-70PU	556-AT27C01070PU	Microchip Technology	1		
U7 - Support	PRECIP32							
VR33	UA78M33CDCY	Custom:VREG	UA78M33CDCY	595-UA78M33CDCY	Texas Instruments	1		
VRN5	L7905ACD2T-TR	Package_TO_S	L7905ACD2T-TR	511-L7905ACD2T-TR	STMicroelectronics	1	http://www.st	Negative 1.5A 35V Linear Regulator, Fixed Outp
VRP5	L7805ACD2T-TR	Package_TO_S	L7805ACD2T-TR	511-L7805ACD2T-TR	STMicroelectronics	1	http://www.st	Positive 1.5A 35V Linear Regulator, Fixed Outpu

