

Reference	Value	Quantity	Digi-Key_PN	Manufacturer Part#	Footprint	Datasheet
C28A1	10uf TANT	1	478-8275-1-ND	F931D106MAA	Capacitor_Tantalum_SMD:CP_EIA-3216-18	~
C28B1	0.1uf	1	399-1168-1-ND	C0805C104K3RACTU	Capacitor_SMD:C_0805_2012Metric_Pad1	~
> CN4, CN8, CN11, CN15,	0.1uf	6	399-1168-1-ND	C0805C104K3RACTU	Capacitor_SMD:C_0805_2012Metric_Pad1	~
CN20	10uf	1	587-2985-1-ND	TMK212BBJ106KG-T	Capacitor_SMD:C_0805_2012Metric_Pad1	~
CN22	22nf	1	399-14577-1-ND	C0805C223J3GAC7800	Capacitor_SMD:C_0805_2012Metric_Pad1	~
CNMISO1	0.1uf	1	399-1168-1-ND	C0805C104K3RACTU	Capacitor_SMD:C_0805_2012Metric_Pad1	~
CNOR1	0.1uf	1	399-1168-1-ND	C0805C104K3RACTU	Capacitor_SMD:C_0805_2012Metric_Pad1	~
> CNQ1, CNQ2	27pf	2	720-1713-1-ND	VJ0805A270GXXPW1BC	Capacitor_SMD:C_0805_2012Metric_Pad1	~
CNRD1	10nf 100V	1	399-7989-1-ND	C0805C103J1RACTU	Capacitor_SMD:C_0805_2012Metric_Pad1	https://content.kemet.com/datasheets/KEM_C1002_
CNRJ1	1nf 2KV	1	445-2386-1-ND	C4520X7R3D102K130KA	Capacitor_SMD:C_1812_4532Metric_Pad1	https://product.tdk.com/info/en/catalog/datasheets
CNRX+1	6.8nf 100V	1	399-9265-1-ND	C0805C682J1RACTU	Capacitor_SMD:C_0805_2012Metric_Pad1	https://content.kemet.com/datasheets/KEM_C1002_
CNRX-1	6.8nf 100V	1	399-9265-1-ND	C0805C682J1RACTU	Capacitor_SMD:C_0805_2012Metric_Pad1	~
CNTCT1	22nf 100V	1	478-3747-1-ND	08051C223JAT2A	Capacitor_SMD:C_0805_2012Metric_Pad1	http://datasheets.avx.com/X7RDielectric.pdf
CNW6	10uf TANT	1	478-8275-1-ND	F931D106MAA	Capacitor_Tantalum_SMD:CP_EIA-3216-18	~
F_NBG1	42 ohm Ferrite	1	587-1768-1-ND	FBMJ2125HS420-T	Resistor_SMD:R_0805_2012Metric_Pad1	https://ds.yuden.co.jp/TYCOMPAS/ut/detail?pn=FBM
F_NBV1	120 ohm Ferrite	1	490-5986-1-ND	BLM21PG121SN1D	Resistor_SMD:R_0805_2012Metric_Pad1	~
J_3V1	Conn_01x02	1			Connector_PinSocket_2.54mm:PinSocket_	~
J_GND1	Conn_01x02	1			Connector_PinSocket_2.54mm:PinSocket_	~
J_POE++1	Conn_01x02	1			Connector_PinSocket_2.54mm:PinSocket_	~
J_POE--1	Conn_01x02	1			Connector_PinSocket_2.54mm:PinSocket_	~
J_RJ45	Wuerth_7499211121A	1	732-1654-ND	7499211121A	MiniNetCard:RJ45_Wuerth_7499211121A	http://katalog.we-online.de/pbs/datasheet/7499211
JL1	Conn_01x24	1			Connector_PinHeader_2.54mm:PinHeader_	~
JR1	Conn_01x24	1			Connector_PinHeader_2.54mm:PinHeader_	~
L_NDUP1	Red	1	160-1427-1-ND	LED RED CLEAR SMD	LED_SMD:LED_0805_2012Metric_Pad1.15	~
L_NSPD1	Green	1	160-1426-1-ND	LTST-C171KGKT	LED_SMD:LED_0805_2012Metric_Pad1.15	~
QN1	25.00 MHz 18pf	1	535-13474-1-ND	ABMM2-25.000MHZ-D1-T	Crystal:Crystal_SMD_EuroQuartz_MJ-4Pin	https://abracon.com/Resonators/ABMM2.pdf
> RN1-RN6	10K	6	A129761CT-ND	CRGCQ0805F10K	Resistor_SMD:R_0805_2012Metric_Pad1	~
RNAUTO1	10K	1	A129761CT-ND	CRGCQ0805F10K	Resistor_SMD:R_0805_2012Metric_Pad1	~
RNCS1	10K	1	A129761CT-ND	CRGCQ0805F10K	Resistor_SMD:R_0805_2012Metric_Pad1	~
RNDMPR+1	33 1%	1	A130459CT-ND	CRGP0805F33R	Resistor_SMD:R_0805_2012Metric_Pad1	~
RNDMPR-1	33 1%	1	A130459CT-ND	CRGP0805F33R	Resistor_SMD:R_0805_2012Metric_Pad1	~
RNDMPT+1	33 1%	1	A130459CT-ND	CRGP0805F33R	Resistor_SMD:R_0805_2012Metric_Pad1	~
RNDMPT-1	33 1%	1	A130459CT-ND	CRGP0805F33R	Resistor_SMD:R_0805_2012Metric_Pad1	~
RNDUP1	10K	1	A129761CT-ND	CRGCQ0805F10K	Resistor_SMD:R_0805_2012Metric_Pad1	~
RNEXR1	12.4K 1%	1	541-12.4KTCT-ND	CRCW080512K4FKEAHP	Resistor_SMD:R_0805_2012Metric_Pad1	~
RNINT1	10K	1	A129761CT-ND	CRGCQ0805F10K	Resistor_SMD:R_0805_2012Metric_Pad1	~
RNLACT1	820	1	311-820CRCT-ND	RC0805FR-07820RL	Resistor_SMD:R_0805_2012Metric_Pad1	~
RNLDUP1	820	1	311-820CRCT-ND	RC0805FR-07820RL	Resistor_SMD:R_0805_2012Metric_Pad1	~
RNLNK1	820	1	311-820CRCT-ND	RC0805FR-07820RL	Resistor_SMD:R_0805_2012Metric_Pad1	~
RNLSPEED1	820	1	311-820CRCT-ND	RC0805FR-07820RL	Resistor_SMD:R_0805_2012Metric_Pad1	~
RNQ1	1Meg	1	P1.00MCCT-ND	ERJ-6ENF1004V	Resistor_SMD:R_0805_2012Metric_Pad1	~
RNRDN1	49.9 1%	1	RHM49.9AECT-ND	ESR10EZPF49R9	Resistor_SMD:R_0805_2012Metric_Pad1	~
RNRDP1	49.9 1%	1	RHM49.9AECT-ND	ESR10EZPF49R9	Resistor_SMD:R_0805_2012Metric_Pad1	~
RNRES1	10K	1	A129761CT-ND	CRGCQ0805F10K	Resistor_SMD:R_0805_2012Metric_Pad1	~

RNRESET1	10K	1	A129761CT-ND	CRGCQ0805F10K	Resistor_SMD:R_0805_2012Metric_Pad1.27~
RNSPD1	10K	1	A129761CT-ND	CRGCQ0805F10K	Resistor_SMD:R_0805_2012Metric_Pad1.27~
RNTCT1	10 1%	1	541-10.0TCT-ND	CRCW080510R0FKEAHP	Resistor_SMD:R_0805_2012Metric_Pad1.27~
RNTXN1	49.9 1%	1	RHM49.9AECT-ND	ESR10EZPF49R9	Resistor_SMD:R_0805_2012Metric_Pad1.27~
RNTXP1	49.9 1%	1	RHM49.9AECT-ND	ESR10EZPF49R9	Resistor_SMD:R_0805_2012Metric_Pad1.27~
SP_AUTO1	S_AUTO	1			Jumper:SolderJumper-2_P1.3mm_Open_P ~
SP_DUPLEX1	S_DUPLEX	1			Jumper:SolderJumper-2_P1.3mm_Open_P ~
SP_HARDRESET_1	S_HARDRESET	1			Jumper:SolderJumper-2_P1.3mm_Open_P ~
SP_MCS1	SolderJumper_3_Open	1			Jumper:SolderJumper-3_P1.3mm_Open_P ~
SP_NETINT1	S_NETINT	1			Jumper:SolderJumper-2_P1.3mm_Open_P ~
SP_NRST1	SolderJumper_3_Open	1			Jumper:SolderJumper-3_P1.3mm_Open_P ~
SP_SOFTRESET_1	S_SOFTRESET	1			Jumper:SolderJumper-2_P1.3mm_Open_P ~
SP_SPEED1	S_SPEED	1			Jumper:SolderJumper-2_P1.3mm_Open_P ~
U_2G7RES1	SN74LVC2G07DBVR	1	296-13494-1-ND	SN74LVC2G07DBVR	Package_TO_SOT_SMD:SOT-23-6_Handsol http://www.ti.com/lit/ds/symlink/sn74lvc2g07.pdf
U_74G1NCS1	SN74LVC1G125DBVR	1	296-11603-1-ND	SN74LVC1G125DBVR	Package_TO_SOT_SMD:SOT-23-5_HandSoldering
U_W5500	W5500	1	1278-1021-ND	W5500	Package_QFP:TQFP-48_7x7mm_P0.5mm http://wizwiki.net/wiki/lib/exe/fetch.php?media=pr

_X7R_SMD.pdf
/mlcc_commercial_highvoltage_en.pdf
_X7R_SMD.pdf

1J2125HS420-T%20%20&u=M

.121A.pdf

oducts:w5500:w5500_ds_v108e.pdf