

| Reference    | Value              | Digi-Key_PN         | Manufacturer Part#  | Footprint   |
|--------------|--------------------|---------------------|---------------------|---|
| C28A1        | 10uf TANT          | 478-8275-1-ND       | F931D106MAA         | Capacitor_Tantalum_SMD:CP_EIA-3216-18_Kemet-A_Pad1.58x1.35mm_ |
| C28B1        | 0.1uf              | 399-1168-1-ND       | C0805C104K3RACTU    | Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder     |
| CN11         | 0.1uf              | 399-1168-1-ND       | C0805C104K3RACTU    | Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder     |
| CN15         | 0.1uf              | 399-1168-1-ND       | C0805C104K3RACTU    | Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder     |
| CN17         | 0.1uf              | 399-1168-1-ND       | C0805C104K3RACTU    | Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder     |
| CN20         | 10uf               | 587-2985-1-ND       | TMK212BBJ106KG-T    | Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder     |
| CN21         | 0.1uf              | 399-1168-1-ND       | C0805C104K3RACTU    | Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder     |
| CN22         | 22nf               | 399-14577-1-ND      | C0805C223J3GAC7800  | Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder     |
| CN4          | 0.1uf              | 399-1168-1-ND       | C0805C104K3RACTU    | Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder     |
| CN8          | 0.1uf              | 399-1168-1-ND       | C0805C104K3RACTU    | Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder     |
| CNMISO1      | 0.1uf              | 399-1168-1-ND       | C0805C104K3RACTU    | Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder     |
| CNOR1        | 0.1uf              | 399-1168-1-ND       | C0805C104K3RACTU    | Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder     |
| CNQ1         | 27pf               | 720-1713-1-ND       | VJ0805A270GXXPW1BC  | Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder     |
| CNQ2         | 27pf               | 720-1713-1-ND       | VJ0805A270GXXPW1BC  | Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder     |
| CNRD1        | 10nf 100V          | 399-7989-1-ND       | C0805C103J1RACTU    | Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder     |
| CNRJ1        | 1nf 2KV            | 445-2386-1-ND       | C4520X7R3D102K130KA | Capacitor_SMD:C_1806_4516Metric_Pad1.57x1.80mm_HandSolder     |
| CNRX-1       | 6.8nf 100V         | 399-9265-1-ND       | C0805C682J1RACTU    | Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder     |
| CNRX+1       | 6.8nf 100V         | 399-9265-1-ND       | C0805C682J1RACTU    | Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder     |
| CNTCT1       | 22nf 100V          | 478-3747-1-ND       | 08051C223JAT2A      | Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder     |
| CNW6         | 10uf TANT          | 478-8275-1-ND       | F931D106MAA         | Capacitor_Tantalum_SMD:CP_EIA-3216-18_Kemet-A_Pad1.58x1.35mm_ |
| CPCC1        | 22nf               | 399-14577-1-ND      | C0805C223J3GAC7800  | Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder     |
| CPCOS-CON1   | 330uf 6.3V         | P16611CT-ND         | 6SVPC330M           | Capacitor_SMD:CP_Elec_6.3x7.7                                 |
| CPFIL1       | 470pf 50V          | 311-1124-1-ND       | CC0805KRX7R9BB471   | Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder     |
| CPISO1       | 22nf 250V          | 490-3492-1-ND       | GA343QR7GD222KW01L  | Capacitor_SMD:C_1812_4532Metric_Pad1.30x3.40mm_HandSolder     |
| CPLDA1       | 1uf 100V           | 478-11648-1-ND      | 12101C105JAT2A      | Capacitor_SMD:C_1210_3225Metric_Pad1.42x2.65mm_HandSolder     |
| CPLDB1       | 4.7uf 100V         | 493-6282-1-ND       | UUX2A4R7MCL1GS      | Capacitor_SMD:CP_Elec_8x10                                    |
| CPOE1        | 0.1uf 100V         | 478-3786-1-ND       | 12061C104MAT2A      | Capacitor_SMD:C_1206_3216Metric_Pad1.42x1.75mm_HandSolder     |
| CPOUT1       | 100uf 10V          | 587-1965-1-ND       | LMK325BJ107MM-T     | Capacitor_SMD:C_1210_3225Metric_Pad1.42x2.65mm_HandSolder     |
| CPOUT2       | 100uf 10V          | 587-1965-1-ND       | LMK325BJ107MM-T     | Capacitor_SMD:C_1210_3225Metric_Pad1.42x2.65mm_HandSolder     |
| CPOUT3       | 100uf 10V          | 587-1965-1-ND       | LMK325BJ107MM-T     | Capacitor_SMD:C_1210_3225Metric_Pad1.42x2.65mm_HandSolder     |
| CPVCC1       | 4.7uf 50V TANT     | 718-1548-1-ND       | TR3C475K050C0500    | Capacitor_Tantalum_SMD:CP_EIA-6032-15_Kemet-U_Pad2.25x2.35mm_ |
| D_PBAS1      | BAS516.135         | 1727-6378-1-ND      | BAS516,135          | Diode_SMD:D_SOD-523   |
| D_PDS1040    | PDS1040-13         | PDS1040DICT-ND      | PDS1040-13          | min51j:PDS1040  |
| D_SMAJ58     | SMAJ58A-13-F       | SMAJ58A-13-FDICT-ND | SMAJ58A-13-F        | Diode_SMD:D_SMA   |
| F_NBG1       | 42 ohm Ferrite     | 587-1768-1-ND       | FBMJ2125HS420-T     | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder      |
| F_NBV1       | 120 ohm Ferrite    | 490-5986-1-ND       | BLM21PG121SN1D      | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder      |
| F_PB1        | 120 ohm Ferrite    | 490-5986-1-ND       | BLM21PG121SN1D      | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder      |
| J_RJ45       | Wuerth_7499211121A | 732-1654-ND         | 7499211121A         | min51j:RJ45_Wuerth_7499211121A_Horizontal                     |
| L_NDUP1      | Red                | 160-1427-1-ND       | LED RED CLEAR SMD   | LED_SMD:LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder         |
| L_NSPD1      | Green              | 160-1426-1-ND       | LTST-C171KGKT       | LED_SMD:LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder         |
| L_PLED1      | Green              | 160-1426-1-ND       | LTST-C171KGKT       | LED_SMD:LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder         |
| PA1133-coil1 | PA1133NLT          | 553-2077-1-ND       | PA1133NLT           | min51j:PA1133   |

|            |                  |                  |                      |  |
|------------|------------------|------------------|----------------------|--|
| PS2911     | PS2911-1-F3-AX   | 559-1060-1-ND    | PS2911-1-F3-AX       | min51j:PS2911  |
| QN1        | 25.00 MHz 18pf   | 535-13474-1-ND   | ABMM2-25.000MHZ-D1-T | Crystal:Crystal_SMD_EuroQuartz_MJ-4Pin_5.0x3.2mm         |
| RN1        | 10K              | A129761CT-ND     | CRGCQ0805F10K        | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RN2        | 10K              | A129761CT-ND     | CRGCQ0805F10K        | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RN3        | 10K              | A129761CT-ND     | CRGCQ0805F10K        | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RN4        | 10K              | A129761CT-ND     | CRGCQ0805F10K        | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RN5        | 10K              | A129761CT-ND     | CRGCQ0805F10K        | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RN6        | 10K              | A129761CT-ND     | CRGCQ0805F10K        | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNAUTO1    | 10K              | A129761CT-ND     | CRGCQ0805F10K        | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNCS1      | 10K              | A129761CT-ND     | CRGCQ0805F10K        | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNDMPR-1   | 33 1%            | A130459CT-ND     | CRGP0805F33R         | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNDMPR+1   | 33 1%            | A130459CT-ND     | CRGP0805F33R         | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNDMPT-1   | 33 1%            | A130459CT-ND     | CRGP0805F33R         | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNDMPT+1   | 33 1%            | A129761CT-ND     | CRGP0805F33R         | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNDUP1     | 10K              | A129761CT-ND     | CRGCQ0805F10K        | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNEXR1     | 12.4K 1%         | 541-12.4KTCT-ND  | CRCW080512K4FKEAHP   | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNINT1     | 10K              | A129761CT-ND     | CRGCQ0805F10K        | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNLACT1    | 820              | 311-820CRCT-ND   | RC0805FR-07820RL     | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNLDUP1    | 820              | 311-820CRCT-ND   | RC0805FR-07820RL     | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNLNK1     | 820              | 311-820CRCT-ND   | RC0805FR-07820RL     | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNLSPEED1  | 820              | 311-820CRCT-ND   | RC0805FR-07820RL     | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNQ1       | 1Meg             | P1.00MCCT-ND     | ERJ-6ENF1004V        | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNRDN1     | 49.9 1%          | RHM49.9AECT-ND   | ESR10EZPF49R9        | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNRDP1     | 49.9 1%          | RHM49.9AECT-ND   | ESR10EZPF49R9        | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNRES1     | 10K              | A129761CT-ND     | CRGCQ0805F10K        | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNRESET1   | 10K              | A129761CT-ND     | CRGCQ0805F10K        | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNSPD1     | 10K              | A129761CT-ND     | CRGCQ0805F10K        | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNTCT1     | 10 1%            | 541-10.0TCT-ND   | CRCW080510R0FKEAHP   | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNTXN1     | 49.9 1%          | RHM49.9AECT-ND   | ESR10EZPF49R9        | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RNTXP1     | 49.9 1%          | RHM49.9AECT-ND   | ESR10EZPF49R9        | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RPCLA1     | 124 0.1%         | P124DACT-ND      | ERA-6AEB1240V        | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RPFIL1     | 10 OHM           | 541-10.0TCT-ND   | CRCW080510R0FKEAHP   | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RPLED1     | 330              | 311-330CRCT-ND   | RC0805FR-07330RL     | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RPLIM1     | 470 0.1%         | P20556CT-ND      | ERJ-PB6B4700V        | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RPOE1      | 60.4K 1%         | 311-60.4KCRCT-ND | RC0805FR-0760K4L     | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RPOE2      | 100K 1%          | 541-1825-1-ND    | RCG0805100KFKEA      | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RPOE4      | 10 OHM 1%        | 541-10.0TCT-ND   | CRCW080510R0FKEAHP   | Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder |
| RPOR1      | 10K 1%           | 311-10.0KCRCT-ND | RC0805FR-0710KL      | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RPPVC1     | 6.8K 1%          | 311-6.80KCRCT-ND | RC0805FR-076K8L      | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RPRSL1     | 10K 1%           | 311-10.0KCRCT-ND | RC0805FR-0710KL      | Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder |
| RPSEN1     | 0.1 OHM 1%       | 1276-6173-1-ND   | RUT3216FR100CS       | Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder |
| U_2G7RES1  | SN74LVC2G07DBVR  | 296-13494-1-ND   | SN74LVC2G07DBVR      | Package_TO_SOT_SMD:SOT-23-6_Handsoldering                |
| U_74G1NCS1 | SN74LVC1G125DBVR | 296-11603-1-ND   | SN74LVC1G125DBVR     | Package_TO_SOT_SMD:SOT-23-5_HandSoldering                |

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| U_LTC4267 | LTC4267IGN-1#PBF | LTC4267IGN-1#PBF-ND | LTC4267IGN-1#PBF | min51j:LTC4267                          |
| U_Si3440  | Si3440           | SI3440DV-T1-E3CT-ND | SI3440DV-T1-E3   | min51j:Si3440                           |
| U_TLV431  | TLV431           | ZTLV431AFCT-ND      | ZTLV431AFTA      | Package_TO_SOT_SMD:SOT-23_Handsoldering |
| U_W5500   | W5500            | 1278-1021-ND        | W5500            | Package_QFP:TQFP-48_7x7mm_P0.5mm        |