

Part PN	Part Name	Refs	MFG Parts
190Z00201	Battery holder for 2032 button battery. TH	BH1	Amco 562-2T1 AUK BH203202-HH AUK BH20D66 AUK BH20D66 {ROHS} PDI-connectors PDI-2032-0
210C30002	Battery, Lithium, Cell 20x3.2mm, 3V, 210mAh, 2032	BT1	Maxell CR2032 RENATA CR2032 MFR RENATA CR2032 MFR(IB SC) RENATA CR2032 MFRSC
151B10400S	Cap., 100nF, 10V, X7R/X5R, 10%, 0402	C1,C10,C100,C101,C102,C103,C104,C106,C11,C12,C13,C14,C144,C145,C146,C147,C148,C149,C150,C151,C152,C153,C157,C159,C161,C162,C163,C164,C165,C167,C168,C170,C171,C172,C173,C186,C193,C2,C20,C23,C3,C33,C38,C4,C43,C5,C54,C55,C56,C57,C58,C6,C60,C62,C63,C65,C7,C73,C74,C75,C76,C77,C78,C8,C80,C81,C82,C83,C84,C85,C88,C9,C90,C91,C92,C93,C95,C98,C99	Epcos B37621K8104K060 Fenghua 0402B104K[100 160]NT Fenghua 0402B104K100NT Fenghua 0402B104K160NT Kemet C0402C104K8PAC(7867) Kemet C0402C104K8PAC7867 Kemet C0402C104K8RAC(7867) Murata GRM155R61A104KA01D Murata GRM155R61C104KA88D Murata GRM155R[6 7]1A104KA01D Murata GRM155R71A104KA01D Murata GRP155R61A104KA01E SAMSUNG_ELECTRO CL05A104KO5NNNC SAMSUNG_ELECTRO CL05A104K[O P]5NNN[C E] SAMSUNG_ELECTRO CL05A104KP5NNNC SAMSUNG_ELECTRO CL05A104KP5NNNC SAMSUNG_ELECTRO CL05B104KP5NNNC SAMSUNG_ELECTRO CL05B104KP5NNN[C E] SAMSUNG_ELECTRO CL05B104KP5NNND SAMSUNG_ELECTRO CL05B104KPNC Taiyo_yuden LMK105BJ104KV-F TDK C1005JB1A104KT TDK C1005X7R1C104KT Walsin 0402B104K100CT Yageo 2238 247 156 49 Yageo CC0402KRX[5 7]R6BB104 Yageo CC0402KRX5R6BB104
151C10400S	Cap., 100nF, 25V, X5R/X7R, 10%, 0402	C113,C114,C116,C119,C132,C133	Fenghua 0402[B X]104K250NT Fenghua 0402X104K250NT Hitano 0402X104K250NU SAMSUNG_ELECTRO CL05A104KA5NNNC SAMSUNG_ELECTRO CL05B104KA5NNNC Taiyo_yuden TMK105B7104KVHF Taiyo_yuden TMK105BJ104KV-F TDK C1005X7R1E104K050BB Yageo CC0402KRX5R8BB104
151D10100S	Cap., 100pF, 0402, NPO, 50V, 5% or 1%	C52	Fenghua 0402CG101F500NT Fenghua 0402CG101[F J]500NT Kemet C0402C101F5GAC Murata GRM1555C1H101JA01D Murata GRP1555C1H101JD01E SAMSUNG_ELECTRO CL05C101JB5NNNC SAMSUNG_ELECTRO CL05C101JBNC SAMSUNG_ELECTRO CL05C101[J F]BNC VISHAY VJ0402A101FXAA[T C] Walsin 0402N101J500[C L]T Walsin 0402N101J500CT Yageo CC0402JRNPO9BN101

151B10730S	Cap., 100uF, 6.3V, X5R, 20%, 1206, H=1.6mm	C120,C121,C135,C137	Fenghua 1206X107M6R3NT Kemet C1206C107[K M]9PAC7210 Murata GRM31CR60J107ME39L SAMSUNG_ELECTRO CL31A107MQHNNN[C E] SAMSUNG_ELECTRO CL31A107MQHNNNE Taiyo_yuden JMK316(A)BJ107ML-T Taiyo_yuden JMK316ABJ107ML-T Taiyo_yuden JMK316BJ107ML-T TDK C3216X5R0J107MT Thunder 1206X107M6R3CT Wurth 885012108005 Yageo CC1206MKX5R5BB107
151C10300S	Cap., 10nF, 25V, X7R, 10%, 0402	C109,C123,C125,C51,C53	CAL-CHIP GMC04X7R103K[25 50]NT(LF) CAL-CHIP GMC04X7R103K50NT Epcos B37921K9103K60 Fenghua 0402B103K[250 500]NT Fenghua 0402B103K500NT Hitano 0402B103K[250 500]NU Kemet C0402C103K3RAC Murata GRM155R71E103KA01D Murata GRP155R71E103KA01[D E] PHYCOMP 2238 917 156 36 SAMSUNG_ELECTRO CL05B103KANC SAMSUNG_ELECTRO CL05B103KB5NNNC Taiyo_yuden TMK105B7103KV-F Taiyo_yuden TMK105BJ103KV-F TDK C1005JB1E103KT VISHAY VJ0402Y103KXJAT Walsin 0402B103K250CT Yageo CC0402KRX7R9BB103
151D10000S	Cap., 10pF, 0402, NPO, 50V, 5% or 1%	C122	CAL-CHIP GMC04CG100J50NT(LF) CAL-CHIP GMC04CG100J50NTLF Epcos B37920K5100J60 Fenghua 0402CG100[F J]500NT Fenghua 0402CG100J500NT Kemet C0402C100F5GAC Murata GRM1552C1H100JA01D Murata GRP1552C1H100JZ01E SAMSUNG_ELECTRO CL05C100FBNC SAMSUNG_ELECTRO CL05C100[F J]B5NNNC SAMSUNG_ELECTRO CL05C100JB5NNNC VISHAY VJ0402A100FXAA[T C] Walsin 0402N100J500LT Yageo CC0402JRNPO9BN100
151B10610S	Cap., 10uF, 6.3V, X5R/X7R, 20%, 0603	C140,C141,C142,C143,C156,C158,C160,C19,C36,C64,C68,C70,C72	Kemet C0603C106[K M]9PAC Murata GRM188R60J106ME47D SAMSUNG_ELECTRO CL10A106[K M]Q8NNNC SAMSUNG_ELECTRO CL10A106KQ8NNNC SAMSUNG_ELECTRO CL10A106MQ8NNNC Taiyo_yuden JMK107(A B)BJ106[K M]A-T Taiyo_yuden JMK107ABJ106MA-T Taiyo_yuden JMK107BJ106MA-T TDK C1608X5R0J106[K M]T Walsin 0603X106[K M]6R3CT Yageo CC0603MRX5R5BB106
151J10250S	Cap., 1nF, 2KV,SMD 1812, X7R, 10%, 7"REEL	C166	AVX 1812GC102KA19A AVX 1812GC102KAT1A Johanson_Dielectrics 202S43W102KV4E Johanson_Dielectrics 202S43W102KV4E {DC>0501} Murata GHM1540X7R102K2K PDC MA1812XR102KN202PR PHYCOMP 18122R102KFBB00 SAMSUNG_ELECTRO CL43B102KJFNNNE Vishay-BC_Components 1812B102K202BT Walsin 1812B102K202CT Walsin 1812B102K302CT Yageo CC1812KKX7RDBB102

151C10500S	Cap., 1uF, 16V, X5R/X7R, 10%, 0402	C108,C124,C178	CAL-CHIP GMC04X5R105K6R3NT(LF) Fenghua 0402X105K160NT SAMSUNG_ELECTRO CL05A105K05NNNC Taiyo_yuden EMK105BJ105KV-F TDK C1005X5R1C105K050BC
151B10500S	Cap., 1uF, 6.3V, X5R/X7R, 20%, 0402	C139,C169,C185,C37,C49,C66,C67,C69,C71,C79,C86,C87,C89,C94,C96	CAL-CHIP GMC04X5R105M6R3NT Fenghua 0402X105[K M]6R3NT Johanson_Dielectrics 100R07X105KV4T Murata GMD155R60J105KE11D Murata GRM155R60J105KE19D Panasonic_Industrial ECJ0E50J105[M K] SAMSUNG_ELECTRO CL05A105KQ5NNNC SAMSUNG_ELECTRO CL05A105[M K]Q5NNNC SAMSUNG_ELECTRO CL05A105MQ5NNNC TDK C1005X5R0J105[K M]T TDK C1005X5R0J105KT Yageo CC0402KRX5R5BB105
151D22110S	Cap., 220pF, 50V, NPO, 0603, 10%	C50	Kemet C0603C221K5GAC(7867) Kemet C0603C221K5GAC7867 SAMSUNG_ELECTRO CL10C221JB8NNNC SAMSUNG_ELECTRO CL10C221[J K]B8NNNC VISHAY VJ0603A221KXAAC Yageo CC0603JRNPO9BN221
151D22200S	Cap., 2.2nF, 50V, X7R, 10%, 0402	C110,C127	AVX 04025C222KAT2A Epcos B37921K0222K60 Kemet C0402C222K5RAC Murata GRM155R71H222KA01D Murata GRP155R71H222KA01E SAMSUNG_ELECTRO CL05B222KB5NNNC TDK C1005X7R1H222KT VISHAY VJ0402Y222KXAAT Walsin 0402B222K500CT Yageo CC0402KRX7R9BB222
151C22620S	Cap., 22uF, 25V, X5R/X7R, 20%, 0805	C112,C117,C118,C131,C15,C16,C17,C18	Murata GRM21BR61E226ME44L SAMSUNG_ELECTRO CL21A226MAQNNNE TDK C2012X5R1E226M125AC Yageo CC0805MKX5R8BB226
151B22610S	Cap., 22uF, 6.3V, X5R/X6S, 20%, 0603	C97	Murata GRM188R60J226MEA0D SAMSUNG_ELECTRO CL10A226MQ8NRNC SAMSUNG_ELECTRO CL10A226MQ8NRN[C E] SAMSUNG_ELECTRO CL10A226MQ8NRNE TDK C1608X5R0J226M080AC
151D27000S	Cap., 27pF, 50V, 0402, NPO, 5% or 1%	C105,C154,C155,C47	Epcos B37920K5270J60 Hitano 0402N270F500NU Murata GRM1555C1H270JA01D SAMSUNG_ELECTRO CL05C270FBNC SAMSUNG_ELECTRO CL05C270JB5NNNC SAMSUNG_ELECTRO CL05C270JB5NNND SAMSUNG_ELECTRO CL05C270[J F]B5NNNC SAMSUNG_ELECTRO CL05C270[J F]B5NNND TDK C1005COG1H270JT Walsin 0402N270J500[C L]T Walsin 0402N270J500CT Walsin 0402N270J500LT

151C47680S	Cap., 47uF, 16V, X5R, 20%, 1210, H=2.5mm	C107	Murata GRM32ER61C476KE15K Murata GRM32ER61C476KE15L Murata GRM32ER61C476ME15L Murata GRM32ER61C476ME15L Murata GRM32ER61C476[M K]E15K Murata GRM32ER61C476[M K]E15L SAMSUNG_ELECTRO CL32A476MOJNNNE Taiyo_yuden EMK325BJ476[M K]M-T Taiyo_yuden EMK325BJ476MM-T
151B47620S	Cap., 47uF, 6.3V, X5R/X7R, 20%, 0805	C111,C129,C130	Kemet C0805C476M9PAC Murata GRM21BR60J476ME15L SAMSUNG_ELECTRO CL21A476[K M]Q[F Y]NNN[C E G] SAMSUNG_ELECTRO CL21A476MQYNNNE SAMSUNG_ELECTRO CL21A476MQYNNNG Taiyo_yuden JMK212BJ476MG-T Taiyo_yuden JMK212BJ476[M K]G-T TDK C2012X5R0J476MT
180K02202	Conn., 2 x USB3 (Dual), Type A, Rec, RA, TH	U30	Astron 2360009-603-R Astron 237F318-6N001D-R Contact Technology SUA-210HS-30-277 Contact Technology SUA-210HS-30-S165 FIT (Foxconn) UEA1112C-8HD1-4F Morethanall USBB1-FRSBL-9A Speed Tech A32P101-00001-H
182K00300S	Conn., Audio Jack, Stereo, 3.5mm, 3 pin, no switch, SMT	P5	ATOM PJ30280-D Kycon ST-3500-3N Kycon ST-3500-3N-TR Lih_Sheng LJE0372-(T)3RT-03[A H]{ROHS} Lih_Sheng LJE0372-T3RT-03A{ROHS} Lih_Sheng LJE0372-T3RT-03H{ROHS} Lih_Sheng LJE0372-T3RT{ROHS} TOP-UP_Industry_Corp AJ330-3-SMT
180K00401S	Conn., Audio Jack, Stereo, 3.5mm, with switch	P6,P7	SC_Precision SCJ305P00DG0BP9G SC_Precision SCJ305P00DS0B00G
182K02401S	Conn., B2B, 2x12 cont., P:0.4mm, Rec, Mated H=1.5, Black	P8	Panasonic_Industrial AXK724147G
180K00200	Conn., DC Jack, 5.5/2.5mm ext/int Dia., TH, 20V/10A	J3	Contact Technology DC-081HS-2.5 Contact Technology DC-081HS(-2.5) CUI PJ-082BH Sinotech SJDC021-L Technik TDC-081HS {TDC-081HS-2.5MM-PA6T-1AG-1}
182P00600	Conn., FPC, 1.25mm, 6 cont, RA, Upside contact, TH	J6	CVILux CF12-061H0T0-LF Molex 52044-0645
180K01900S	Conn., HDMI-A, Rec, RA, th pins	J2	Antenk HLHDMIAFCG1NTRA Astron 3690019-023-R Astron 369FA19-0N008T-H Astron 369FA19-0N008T-[H R] Astron 369FA19-0N008T-R Chin-Ban H1F19E-A6A2-F-01 CZT A111912-Q-01-R CZT HLHDMIAFCG1NTRA Genesis 130-10051-01 Genesis HDAR-6U19-BKHCR-3F

190C00200	Conn., Header, 1x 2, 100MIL, TH, JP2, 3mm tail, 6mm mating length	E10,E11,E3,E5,E8,E9	Archtech_Electronics TD-02ST Astron 27-010[3]6]H-102-1G-R CVILux CH31-02-2-V-1-00 Harwin M20-9770206 Jih_Vei_Electronics 21B1164-02S10-01G-6/3 Keltron-KCC PH1-02S-G Major_League_Electronics TSHS-102-S-08-A-T MAXCONN 210-V-B-02-A-1 Oupiin 2011-1X2GS Wieson 2100-1*2ST1
190C00300	Conn., Header, 1x3, 100MIL, TH, JP3, 3mm tail, 6mm mating length	E17	Archtech_Electronics TD-03ST Astron 27-0106H-103-1G CVILux CH31-03-2-V-1-00 Harwin M20-9770306 Jih_Vei_Electronics 21B11564-03S10B-01G-6/3 Jih_Vei_Electronics 21B1164-03S10-01G-6/3 {ROHS} Jih_Vei_Electronics 21B1164-03S10-01H-6/3 Keltron-KCC PH1-03S-G Major_League_Electronics TSHS-103-S-08-A-T MAXCONN 210-V-B-03-A-1 Oupiin 2011-1X3GS Wieson 2100-1*3ST1
190C03400S	Conn., Header, 2x17, 100MIL, SMT, 6mm mating length	P20,P21	Archtech_Electronics TDE-34MG FCI 54202-T08-34P FCI 95278-401B34LF Harwin M20-8861722 Jih_Vei_Electronics 21N22564-34M10B-01G-6/1.5 -C Jih_Vei_Electronics N22564-34M15B-01G Jih_Vei_Electronics N2264-34M15-01T Major_League_Electronics TSHSM-117-D-06-T-V-P Neltron 2213SMD-34T Oupiin 2015-2X17TD/L2 Samtec TSM-117-01-DV-M
190C01000	Conn., Header, 2x 5, 100MIL, TH, DR10, 3mm tail, 6mm mating length	P29	Archtech_Electronics TDB-10ST Astron 27-0106H-205-1G-R CVILux CH81-10-2-V-1-00 Harwin M20-9760506 Jih_Vei_Electronics B2264-10S10-01G {ROHS} Keltron-KCC PH2-10S-G Major_League_Electronics TSHS-105-D-08-A-T MAXCONN 220-V-B-05-A-1 Oupiin 2011-2X5GS Wieson 2100-2*5ST1
185B10010	Conn., Jumper Plug (shunt), 2.54mm (.1") spacing, Gold plated, Black color	JP10,JP11,JP13,JP3,JP4,JP8,JP9	CVILux CS01632A100 Jih_Vei_Electronics 27S1002-CLS65P-01G-B-B Jih_Vei_Electronics S1002-CLE65-01G-B Keltron-KCC MJ-5.97-G Keltron-KCC MJ-6.47C-G Krista_Micro 24-872 MAXCONN S100 0 -2 MAXCONN S200 0 -2 Oupiin 2006-A BLK
180K01000S	Conn., Micro-USB3, AB-type (OTG), Rec, RA	P9	Any_Mfg Micro USB 3 AB, 10pin, Rec, SMT GCT USB3125-30-A
180K00501S	Conn., Micro-USB, B-Type, Rec, RA, with optional pegs	P12	Amco 211-100521-002 Mainsuper AV4-AA-005-K0 Morethanall MISB-SWP-5B-LF Walta D03-0718-05002
182K05201S	Conn., Mini-PCIE socket, Card H=3.75mm (5.6mm connector body), Black	P11	Bellwether 80003-3021 Chufon C350003-03 Concraft 0717A0BA56C Lotes AAA-PCI-046-K01 Molex 67910-5701 Morethanall MPCI-W56R-052-LF Tyco 1775838-2
180K00600	Conn., RJ11, Phone Jack, 6P6C, RA, TH	P16	Astron 17-01041-66-1G-R CVILux CJ366621100 Oupiin 8949-D66/06BNA Oupiin 8949-D66/6BLK

182K01600	Conn., RJ45, W/1GB-T mag and G/Y LED, RA, TH	P2	LINK-PP LPJG0801AHNL Prosper_Electronics PRJ-G111083NL SJC 9805-81024-130D-LOT3-A Speed_Tech P65-101-[1 2]AK9 Speed_Tech P65-101-1AK9 Speed_Tech P65-101-2AK9 UDE RB1-125BAK1A UNE (B-TOP) B5002-32G8-09-A223-B12 UNE (B-TOP) B50(02-32)G8-09-A223-B[1 5]2 UNE (B-TOP) B5002-32G8-09-A223-B52
180K00900S	Conn.socket slot SD/MM SDIO card reader, SMT, Push-Push	P13	Astron C54-2108-9-(TR)-R
180K00802S	Conn., Ultra Mini Serial, 8pin (Mini-USB type)	P14	Contact Technology MUSB-8B-D-G-S175 Contact Technology MUSB-8B-D-G-S175-R
180K00902S	Conn., USB3 Type A, FEM, RA, PC Mount, SMT	J4	Antenk U3AFM01-I-P-P-G0-D Contact Technology SUA-110M2-30-S081
182E00500S	Conn., W2B, Header, 1x5, 1.25mm, RA, SMT	J5	Molex 53780-0570
182K02002S	Conn., W2B, Header, Rec, 1x20, 1mm, PCB, Top entry, For LCD app.	P18	Hirose DF19G-20P-1H(54) Hirose DF19G-20P-1H54 Hirose DF19G-20P-1H(56) Hirose DF19G-20P-1H56
130E30001S	Diode, Schottky, 5A, 30V, SOD-128	D6,D8	NXP (Freescale) PMEG3050BEP,115 ON_Semiconductors FSV530AF(TR) ROHM RBR5LAM30ATR ROHM RBR5LAM30ATR
130E05400S	Diode, Schottky, dual, common Cathode, BAT54C, SOT23	D1	DIODES_Inc (Pericom) BAT54C-7 DIODES_Inc (Pericom) BAT54C-7-F DIODES_Inc (Pericom) UBAT-54C FAIRCHILD (ON Semiconductors) BAT54C Infineon BAT64-05 NXP (Freescale) BAT54C NXP (Freescale) BAT54C,215 ST BAR43C Vishay-General_Semiconductor BAT54C/E9
130E05402S	Diode, Schottky, Sgl, BAT54WS, SOD-323	D11,D4	DIODES_Inc (Pericom) BAT54WS-7 DIODES_Inc (Pericom) BAT54WS-7-F Diotec BAT54WS Infineon BAS140W Infineon BAS3010A-03W NXP (Freescale) 1PS76SB10 ON_Semiconductors BAT54HT1 ON_Semiconductors BAT54HT1G VISHAY BAT54WS-[E G]3-08 VISHAY BAT54WS-GS08
132D42200S	Diode, TVS, Dual USB 2.0 ESD protection, Low cap (1pF)	U15,U16,U17,U32,U5	AOS AOZ8007CI NXP (Freescale) IP4220CZ6 NXP (Freescale) IP4220CZ6(,125) ON_Semiconductors NUP4301MR6T1G ST DVIULC6-4SC6
132D00150S	Diode, TVS, Vrwm=15V, BiDi, 1500W, SMC	D7	Brightking SMCJ15CA DIODES_Inc (Pericom) SMCJ15CA-13-F FAIRCHILD (ON Semiconductors) SMCJ15CA LittleFuse SMCJ15CA VISHAY SMCJ15CA-E3/57T VISHAY SMCJ15CA-E3/9AT VISHAY SMCJ16CA-E3/57T

142D11801S	EMI Filter, Common mode, With ESD, 60Ohm, USB3 app, SMT	L24,L25,L26,L27,L28,L29,L30,L31,L32,L42,L43,L44,L45,L46,L6,L7,L8,L9	Murata LXES11DAA2-135 TDK TCE1210U-500-2P-T
147D12101S	Ferrite Bead, Z=120 Ohm@100Mhz, 3A,	FB1,FB3	Chilisin UPB321611T-121Y-N Fair-Rite 2512061517Y3 Fenghua CBM321609U121T Laird HI1206P121R-10 Murata BLM31PG121SN1L SAMSUNG_ELECTRO CIC31J121N[C E] SAMSUNG_ELECTRO CIC31J121NE Yageo UPB321611T-121Y-S
175P15200S	Fuse, Resettable PTC, 0.75A Ih, 1.5A It	F2	BOURNS MF-NSMF075-2 BOURNS MF-NSMF075(-2) Fuzetec FSMD075-1206R Inpaq PFS1206I075S LittleFuse 1206L075-CWR LittleFuse 1206L075-CYR LittleFuse 1206L075-THWR LittleFuse 1206L075-THYR Tyco NANOSMDC075F-2
175P22200S	Fuse, Resettable PTC, 1.1A Ih, 2.2A It	F3,F4,F5,F6	BOURNS MF-NSMF110-2 Fuzetec FSMD110-1206R Inpaq PFS1206I110S LittleFuse 1206L110-CWR LittleFuse 1206L110-CYR Tyco nanoSMD110F-2
124S82200S	IC, Analog switch, Dual USB current limited switch, 1A per channel, SO-8	U9	AIC AIC1528-1GSTR Raychem RYC8630-1M
123V08000S	IC, Ind., Volt Reg, Step down, Vi 4.5-18V, 9A	U24	Richtek RT6239AHGQUF
116A32431I	IC, Interface, 3243E, Industrial, RS232 drvr,3T5R, 3.3V, QFN-32	U18	TI (National Semi) MAX3243ECRHBR TI (National Semi) MAX3243EIRHBR
116A01020S	IC, interface, Level translator, 2 bit, Bi-Di, for OC and Push-pull, for I2C	U13,U19,U8	NXP (Freescale) NTS0102DP TI (National Semi) TXS0102DCTR TI (National Semi) TXS0102DCTT TI (National Semi) TXS0102DCT[T R](E4 G4)
116A00120S	IC, Interface, PCIe Gen 1/2 Clock Generator, 1:4, 200MHz max, 3.3V	U36	PERICOM (Diodes Inc) PI6C557-05LEX
116A00140S	IC, Interface, USB 2.0 Full Speed to UART bridge	U14	Silicon Labs CP2104-F03-GM(R) Silicon Labs CP2104-F03-GMR
116A00280S	IC, Interface, USB 3.0 Hub, 4 ports, Super-speed, QFN-68, 8x8mm	U27	CYPRESS CYUSB3304-68LTXC

106D30040S	IC, Logic, 74LCX04, Hex Inverter, 3.3V, TSSOP-14	U29	FAIRCHILD (ON Semiconductors) 74LCX04MTC{before mar 06} FAIRCHILD (ON Semiconductors) 74LCX04MTCX FAIRCHILD (ON Semiconductors) 74LCX04MTCX{before mar 06} FAIRCHILD (ON Semiconductors) 74LCX04MTCX(_NL) NXP (Freescale) 74LVC04APW,118 {> DC0510} NXP (Freescale) 74LVC04APW-T,(118) {> DC0510} ON_Semiconductors MC74LCX04DT ON_Semiconductors MC74LCX04DTR2 ST 74LCX04TTR TI (National Semi) SN74LVC04APWR
111S31000S	IC, Memory, EEPROM, 24C08, 1Kx8, 16-bytes page size, 1.8-5.5V, I2C interface	U4	ON_Semiconductors CAT24C08HU4I-GT3
116B95550S	IC, Periph, 16-bit I2C and SMBus GPIO I/O expander	U31	EXAR XRA1201PIL24-F EXAR XRA1201PIL24(TR)-F EXAR XRA1201PIL24TR-F MAXIM MAX7311ATG NXP (Freescale) PCA9555BS,118 NXP (Freescale) PCA9555HF,118 ON_Semiconductors CAT9555HT6I-GT2 ON_Semiconductors CAT9555HV6I(G)-T2 ON_Semiconductors CAT9555HV6IG-T2 ON_Semiconductors CAT9555HV6I-T2 ON_Semiconductors PCA9655EMTTXG TI (National Semi) PCA9555RGER TI (National Semi) TCA9555RTWR
123V4R500S	IC, Volt. Reg. LDO, 500mA, Adjustable 0.8:4.5V, RT9186	U10,U11,U12,U28	Richtek RT9186AGQV
123V15001S	IC, Volt Reg., RT8272, Step down, 3A, Vi=4.75V..24V, Vo=0.92V..15V	U23,U25	Richtek RT8272-GSP
147A2R201S	Inductor, 2.2uH, Isat=14A, 18mohm DCR	L11	Delta MPL73-2R2 Delta MPT730-2R2M1 TDK SPM6530T-2R2M TMP FMJ-0630T-2R2 HF Viking SDB0630MT2R2
147A6R801S	Inductor, 6.8uH, Irated>=3.5A, DCR < 40mohm	L10,L12	3L UPIA0604-6R8M Coilmaster SQH8040S-6R8N-LF Murata LQH88PN6R8N38K TDK VLP8040T-6R8M
139A10020S	LED, Green, SMT,1206	DS1,DS2	Avago HSMG-C150 Avago HSMG-C151 DIALIGHT 597-3311-407 EVERLIGHT 15-21SYGC/S530-E2/TR8 EVERLIGHT 15-21SYGD/S530-E2/TR8 EVERLIGHT 15-21/VGC/TR8/T1 EVERLIGHT QTLP650D4TR KingBright KP-3216SGC KingBright KP3216SGD LiteON LTST-C230GKT Lumex SML-LX1206GC-TR P-Tec PL00200-WCG13 z#QT_Opto QTLP650D-4 z#OT_Opto QTLP650D-4.TR
141C25601S	OSC., Industrial, 25.000MHz, 50PPM, 3.2x2.5mm SMD, 3.3V	OSC1	IQD 25.000000MHz CFPS-39I B TR NDK NZ3225SA-25.000MHz_E Raltron Com130[25]5]-25.000-EXT-T-TR Siward OSC813500NLS25.000-3.3R TAI TIEN PXETGLJANF-25.000Mhz

188C03101	PCB, SB-iMX8, Rev 1.1	PCB1	AVIV_PCB 188C03101, IMG Cirket Electronics 188C03101, IMG PCL 188C03101, IMG Print-Electronics 188C03101, IMG Unitech 188C03101, IMG Wanfeng Circuit 188C03101, IMG
161F00005S	Res., 0R, 1206	R190	SAMSUNG_ELECTRO RC3216F000CS VISHAY CRCW1206-100-000-JCS Yageo RC1206JR-070R Yageo RC1206JR-070RL
161C00005S	Res., 0R, 5%, 0402, 1/16W	R104,R112,R114,R115,R116,R117, R118,R138,R141,R162,R170,R171, R174,R175,R176,R177,R178,R180, R182,R183,R186,R187,R196,R199, R201,R202,R203,R209,R216,R217, R218,R219,R220,R221,R236,R237, R71,R72,R81,R84,R86,R88,R94,R99	Fenghua RC-02000JT PDC FCR02JV000 Royalohm 0402WGF0000TCE SAMSUNG_ELECTRO RC1005J000CS TY-OHM RCM0402-1/16W-0R-J Walsin WR04X000PTL Yageo RC0402JR-070R Yageo RC0402JR-070RL
161C10031S	Res., 100K, 1%, 0402, 1/16W	R131,R132,R154,R191,R92	Fenghua RC-02K1003FT Royalohm 0402WGF1003TCE SAMSUNG_ELECTRO RC1005F1003CS Walsin WR04X1003FTL Yageo RC0402FR-07100KL
161C10001S	Res., 100R, 1%, 0402, 1/16W	R66,R69,R70	Fenghua RC-02K1000FT PDC FCR02FV1000 Royalohm 0402WGF1000TCE SAMSUNG_ELECTRO RC1005F1000CS TY-OHM RCM0402-1/16W-100R-F Walsin WR04X1000FTL Yageo RC0402FR-07100R Yageo RC0402FR-07100RL
161C10021S	Res., 10K, 1%, 0402, 1/16W	R100,R101,R105,R107,R110,R111, R113,R119,R122,R143,R144,R145, R150,R151,R152,R153,R155,R169, R19,R193,R194,R228,R230,R235,R 238,R239,R48,R49,R54,R55,R64,R6 8,R78,R91,R93,R98	Fenghua RC-02K1002FT PDC FCR02FV1002 Royalohm 0402WGF1002TCE SAMSUNG_ELECTRO RC1005F1002CS TY-OHM RCM0402-1/16W-10K-F Walsin WR04X1002FTL Yageo RC0402FR-0710K0 Yageo RC0402FR-0710KL
161D12001S	Res., 120R, 1%, 0603	R123	AVX CR101200FT BOURNS CR0603-FX-1200E CTS 7120603-1200F KOA RK73H1JT1200F PDC FCR03FT1210 ROHM MCR03EZHF1200 SAMSUNG_ELECTRO RC1608F1200CS TY-OHM RCM0603-1/16W-120R-F VISHAY CRCW06031200FRT1 Walsin WR06X1200FTL Yageo RC0603FR-07120R Yageo RC0603FR-07120RL
161C12421S	Res., 12.4K, 1%, 0402, 1/16W	R140	SAMSUNG_ELECTRO RC1005F1242CS Walsin WR04X1242FTL Yageo RC0402FR-0712K4L
161C13321S	Res., 13.3K, 1%, 0402, 1/16W	R97	SAMSUNG_ELECTRO RC1005F1332CS VISHAY CRCW040213K3FKED Yageo RC0402FR-0713K3L
161C16521S	Res., 16.5K, 1%, 0402, 1/16W	R102	SAMSUNG_ELECTRO RC1005F1652CS Walsin WR04X1652FTL Yageo RC0402FR-0716K5L

161C10011S	Res., 1K, 1%, 0402, 1/16W	R129,R147,R77,R80,R95	PDC FCR02FV1001 Royalohm 0402WGF1001TCE SAMSUNG_ELECTRO RC1005F1001CS TY-OHM RCM0402-1/16W-1K-F Walsin WR04X1001FTL Yageo RC0402FR-071KL
161C20031S	Res., 200K, 1%, 0402, 1/16W	R133	PDC FCR02FV2003 Royalohm 0402WGF2003TCE SAMSUNG_ELECTRO RC1005F2003CS TY-OHM RCM0402-1/16W-200K-F Walsin WR04X2003FTL Yageo RC0402FR-07200K Yageo RC0402FR-07200KL
161C20001S	Res., 200R, 1%, 0402, 1/16W	R15	Fenghua RC-02K2000FT PDC FCR02FV2000 Royalohm 0402WGF2000TCE SAMSUNG_ELECTRO RC1005F2000CS TY-OHM RCM0402-1/16W-200R-F Walsin WR04X2000FTL Yageo RC0402FR-07200R Yageo RC0402FR-07200RL
161C22005S	Res., 220R, 5%, 0402, 1/16W	R67	PDC FCR02JV221 SAMSUNG_ELECTRO RC1005J221CS TY-OHM RCM0402-1/16W-220R-J Walsin WR04X221_JTL Yageo RC0402JR-07220R Yageo RC0402JR-07220RL
161C32421S	Res., 32.4K, 1%, 0402, 1/16W	R135	SAMSUNG_ELECTRO RC1005F3242CS Walsin WR04X3242FTL Yageo RC0402FR-0732K4L
161C33R05S	Res., 33R, 5%, 0402, 1/16W	R124,R125,R127,R128,R163,R164, R165,R172	Fenghua RC-02W330JT PDC FCR02JV330 Royalohm 0402WGF0330TCE SAMSUNG_ELECTRO RC1005J330CS TY-OHM RCM0402-1/16W-33R-J Walsin WR04X330_JTL Yageo RC0402JR-0733R Yageo RC0402JR-0733RL
161C40221S	Res., 40.2K, 1%, 0402, 1/16W	R130,R139	Royalohm 0402WGF4022TCE SAMSUNG_ELECTRO RC1005F4022CS Walsin WR04X4022FTL Yageo RC0402FR-0740K2L
161C43221S	Res., 43.2K, 1%, 0402, 1/16W	R134	PDC FCR02FV4322 Royalohm 0402WGF4322TCE SAMSUNG_ELECTRO RC1005F4322CS TY-OHM RCM0402-1/16W-43K2-F Walsin WR04X4322FTL Yageo RC0402FR-0743K2 Yageo RC0402FR-0743K2L
161C44221S	Res., 44.2K, 1%, 0402, 1/16W	R46	Royalohm 0402WGF4422TCE SAMSUNG_ELECTRO RC1005F4422CS Walsin WR04X4422FTL Yageo RC0402FR-0744K2L
161C47511S	Res., 4.75K, 1%, 0402, 1/16W	R29,R30,R33,R34,R37,R38	Fenghua RC-02K4751FT Royalohm 0402WGF4751TCE SAMSUNG_ELECTRO RC1005F4751CS Walsin WR04X4751FTL Yageo RC0402FR-074K75L
161C47501S	Res., 475R, 1%, 0402, 1/16W	R121,R50,R51	Fenghua RC-02K4750FT PDC FCR02FV4750 Royalohm 0402WGF4750TCE SAMSUNG_ELECTRO RC1005F4750CS TY-OHM RCM0402-1/16W-475R-F Walsin WR04X4750FTL Yageo RC0402FR-07475R Yageo RC0402FR-07475RL

161C47025S	Res., 47K, 5%, 0402, 1/16W	R65	PDC FCR02JV473 SAMSUNG_ELECTRO RC1005J473CS TY-OHM RCM0402-1/16W-47K-J Walsin WR04X473_JTL Yageo RC0402JR-0747K Yageo RC0402JR-0747KL
161C49R91S	Res., 49.9R, 1%, 0402, 1/16W	R10,R11,R12,R2,R4,R6,R8,R9	Fenghua RC-02W49R9FT PDC FCR02FV49R9 Royalohm 0402WGF499JTCE SAMSUNG_ELECTRO RC1005F49R9CS TY-OHM RCM0402-1/16W-49R9-F Walsin WR04X49R9FTL Yageo RC0402FR-0749R9 Yageo RC0402FR-0749R9L
161C51111S	Res., 5.11K, 1%, 0402, 1/16W	R7	SAMSUNG_ELECTRO RC1005F5111CS Walsin WR04X5111FTL Yageo RC0402FR-075K11L
161C60411S	Res., 6.04K, 1%, 0402, 1/16W	R5	PDC FCR02FV6041 Royalohm 0402WGF6041T[5]CJE SAMSUNG_ELECTRO RC1005F6041CS TY-OHM RCM0402-1/16W-6K04-F Walsin WR04X6041FTL Yageo RC0402FR-076K04 Yageo RC0402FR-076K04L
161C64911S	Res., 6.49K, 1%, 0402, 1/16W	R103	Royalohm 0402WGF6491TCE SAMSUNG_ELECTRO RC1005F6491CS Walsin WR04X6491FTL Yageo RC0402FR-076K49L
161C68001S	Res., 680R, 1%, 0402, 1/16W	R120,R159,R63	SAMSUNG_ELECTRO RC1005F680RCS Walsin WR04X6800FTL Yageo RC0402FR-07680RL
161C91011S	Res., 9.1K, 1%, 0402, 1/16W	R106	Royalohm 0402WGF9101TCE SAMSUNG_ELECTRO RC1005F9101CS Walsin WR04X9101FTL Yageo RC0402FR-079K1L
163K04103S	Res., Array, 10K, 8P4R, 5%, 0805	RN17,RN2,RN8	Royalohm 4D02WVGJ0103TCE SAMSUNG_ELECTRO RP104PJ103CS TA-I CN24JTN103 Walsin WA04X103_JTL Yageo YC124JR-0710K Yageo YC124JR-0710KL
163K04472S	Res., Array, 4.7K, 8P4R, 5%, 0805	RN20	Royalohm 4D02WVGJ0472TCE SAMSUNG_ELECTRO RP104PJ472CS TA-I CN24JTN472 Walsin WA04X472_JTL Yageo YC124JR-074K7 Yageo YC124JR-074K7L
380J52020	Screw, M2, Pan head, Philips, 3.5mm +-0.3mm Length, Stainless Steel, Nickel or Zinc plating	SCREW1	Acton_InoxPro BF22102003 Federal_Screw_Works DF1402003 WORLD_BRIDGE_MACHINARY 380J52020
190I00601S	Socket, Micro-Sim, SMT, 6pin	P10	GCT SIM7050-6-0-00-A
190I20400S	Socket, SODIMM-204, DDR3, 204 pin, RA, H=5.2mm	P1	FIT (Foxconn) AS0A621-H2SB-7H Lotes AAA-DDR-109-K01 Tyco 2-2013289-1
383B52520S	Spacer, Round, Tapped, M2 Threaded, H=3.0mm, SMT	SP10,SP21,SP22	MAC8 2SSB-3.0 TaiHeShuo (Guan Mei) 403-0204-0030-001-C+403-0700-0026-001 TaiHeShuo (Guan Mei) 403-0700-0018
170B00001S	SWITCH, Push-B,Tact, 6x6 mm, 4.3mm High, SMT	SW4,SW5,SW6	APEM-MORS ADTSM61NVTR APEM-MORS MJTP1122B Canal_Electronics DTSM61N DAEJIN 1102S DIPTRONICS DTSM61N DIPTRONICS DTSM-61N-V-T/R Switronic 1102W

131D31540S	Transistor, N-MOSFET, Dual, 0.5A, vgs(th)=0.6V, NTZD3154NT	Q5,Q6	DIODES_Inc (Pericom) DMN32D2LV-7 ON_Semiconductors NTZD3154NT1G ON_Semiconductors NTZD3154NT5G
131D03350S	Transistor, N-MOSFET, NDS335N, Vgs(TH)=1.2Vmax, Rds=100mOhm@2.5V, 3A, 20V	Q4	DIODES_Inc (Pericom) DMN3052L-7 FAIRCHILD (ON Semiconductors) FDN335N FAIRCHILD (ON Semiconductors) NDS335N ON_Semiconductors NTR4501NT1G VISHAY SI2312BDS-T1-E3
131D74130S	Transistor, P-MOSFET, 8.3A, 20V, vgs(th)=-1.8V / Rds=30mOhm	Q7	DIODES_Inc (Pericom) DMP2008UFG-7 FAIRCHILD (ON Semiconductors) FDMC510P FAIRCHILD (ON Semiconductors) FDMC510P_F106 FAIRCHILD (ON Semiconductors) FDMC510P(_F106) ON_Semiconductors NTLTS3107PR2G ON_Semiconductors NTTFS3A08PZTAG ROHM RQ1A070ZP VISHAY Si7413DN-T1-E3 VISHAY Si7413DN-T1-(G)E3 VISHAY Si7413DN-T1-GE3
141B25601S	XTAL, Industrial, 25.000Mhz, 50PPM, 3x5mm 4 pads SMT	X2	Siward XTL541500NLK-25MHZ-18.0-TR TAI_TIEN XVGGLNANF- 25.000Mhz
141B26600S	XTAL, Industrial, 26.000Mhz, 10pF, 50PPM, 3.2x2.5mm, 4 pads, SMT	X1	DIODES_Inc (Pericom) FL2600176 ECS ECS-260-10-33QZ-TR