

# HiFive Unmatched Bill of Materials

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73	R0000062	RES SMD 200 OHM 1% 1/16W 0402	1	R28	Walsin	WR04X2000FTL	Yageo	RC0402FR-07200RL
74	R0000050	RES SMD 49.9 OHM 1% 1/16W 0402	6	R29, R30, R31, R32, R61, R65	Walsin	WR04X49R9FTL	Yageo	RC0402FR-0749R9L
75	R0000142	RES SMD 30.1K OHM 1% 1/16W 0402	1	R43			Yageo	RC0402FR-0730K1L
76	R0000025	RES SMD 2K OHM 1% 1/16W 0402	6	R45, R46, R47, R48, R161, R170	Walsin	WR04X2001FTL	Yageo	RC0402FR-072KL
77	R0000040	RES SMD 47K OHM 1% 1/16W 0402	1	R51	Walsin	WR04X4702FTL	Yageo	RC0402FR-0747KL
78	R0000021	RES SMD 1M OHM 1% 1/16W 0402	3	R83, R150, R373	Walsin	WR04X1004FTL	Yageo	RC0402FR-071ML
79	R0000116	RES SMD 15K OHM 1% 1/16W 0402	1	R92			Yageo	RC0402FR-0715KL
80	R0000131	RES SMD 105K OHM 1% 1/16W 0402	1	R102			Yageo	RC0402FR-07105KL
81	R0000031	RES SMD 4.7K OHM 1% 1/16W 0402	12	R103, R104, R146, R147, R164, R202, R254, R255, R256, R271, R394, R419	Walsin	WR04X4701FTL	Yageo	RC0402FR-0747KL
82	R0000113	RES ARRAY 4 RES 33 OHM 0804 1% CONVEX	7	R105, R106, R107, R108, R111, R112, R113			Yageo	YC124-FR-0733RL
83	R0000041	RES SMD 39 OHM 1% 1/16W 0402	1	R148	Walsin	WR04X39R0FTL	Yageo	RC0402FR-0739RL
84	R0000019	RES SMD 1K OHM 1% 1/16W 0402	6	R183, R184, R209, R225, R283, R301	Walsin	WR04X1001FTL	Yageo	RC0402FR-071KL
85	R0000030	RES SMD 12.1K OHM 1% 1/16W 0402	4	R193, R194, R212, R272	Walsin	WR04X1212FTL	Yageo	RC0402FR-0712K1L
86	R0000091	RES SMD 200K OHM 1% 1/16W 0402	1	R219	Walsin	WR04X2003FTL	Yageo	RC0402FR-07200KL
87	R0000143	RES SMD 38.3K OHM 1% 1/16W 0402	2	R221, R286			Vishay Dale	CRCW40238K3FKED
88	R0000077	RES SMD 22K OHM 1% 1/16W 0402	1	R232	Walsin	WR04X2202FTL	Yageo	RC0402FR-0722KL
89	R0000092	RES SMD 35.7K OHM 1% 1/16W 0402	1	R241	Walsin	WR04X3572FTL	Stackpole	RMCF0402FT35K7
90	R0000144	RES SMD 133K OHM 1% 1/16W 0402	1	R284			Stackpole Electronics Inc	RMCF0402FT133K
91	R0000046	RES SMD 10 OHM 1% 1/16W 0402	3	R285, R288, R374	Walsin	WR04X10R0FTL	Yageo	RC0402FR-0710RL
92	R0000023	RES SMD 12K OHM 1% 1/16W 0402	2	R339, R340	Walsin	WR04X1202FTL	Yageo	RC0402FR-0712KL
93	R0000093	RES SMD 66.5K OHM 1% 1/16W 0402	1	R354	Walsin	WR04X6652FTL	Stackpole	RMCF0402FT66K5
94	R0000059	RES SMD 8.06K OHM 1% 1/16W 0402	1	R377	Walsin	WR04X8061FTL	Yageo	RC0402FR-07806KL
95	R0000035	Current Sense Resistor- SMD 1 Watt 0.001ohms 1%	6	R51, R53, R54, R56, R58, R59			Vishay Dale	WSK40613.1L000FEA
96	R0000027	RES SMD 0.2 OHM 1% 1/4W 0603	3	R52, R55, R57			Rohm Semiconductor	UCR03EVPFLR200
97	M0000020	SWITCH SLIDE DIP 5 SPST 100MA 20V	1	S2	Antenk Electronics	CDMR-05	CTS Electrocomponents	219-SMST
98	M0000003	SWITCH TACTILE SPST-NO RED 0.05A 12V	2	S4, S5	Antenk Electronics	TVDM04-F043CBF	C & K Components	PT5645SK435MTR92 LFS
99	M0000017	Audio Transformers / Signal Transformers Genesis 0-70C Mini 1G For Mini/Phy	1	T1			Halo Electronics	TG111-MSCE13LF
100	U0000097	IC SiFive U740 Quadcore Processor	1	U1			SiFive	FU740-C000
101	U0000084	IC OSC PCI EXPRESS GEN 3 -2 OUTPUT	1	U2			Silicon Labs	SI52112-B6-GM2
102	U0000190	IC TRNSLTR BIDIRECTIONAL 4 CHANNEL 14VQFN	2	U3, U4			Texas Instruments	TXB0104RGWR
103	U0000172	IC TRNSLTR BIDIRECTIONAL 8X2SON	1	U5			Texas Instruments	TXS0102DGER
104	U0000170	IC 4-Port USB 3.0 Hub	1	U6			Asmedia	ASM1074
105	U0000092	IC FLASH 1M SPI 104MHZ 8SP	3	U7, U29, U41			Macronix	MX25L1006EMI-10G
106	U0000189	IC REG LINEAR 3.3V 300M 4XDFN	1	U8			ON Semiconductor	NCP115CM0330TCG
107	U0000173	IC PCIE GEN 2.0 TO 2-PORT USB 3.0 XHCI CONTROLLER	1	U9			Asmedia	ASM1042A-48
108	U0000101	IC FLASH 256MBIT 1.8V SERIAL 1650K	1	U10			ISSI	IS25WP256D-RMLE
109	U0000083	IC SENSOR DIGITAL -40C-125C 8WSON	1	U11			Texas Instruments	TMP451AIDQFR
110	U0000153	IC SWITCH QUID SPDT 16TSSOP	1	U12			Texas Instruments	TS3A018PWR
111	U0000216	IC DDR4-2666 16Gb (D8) DDP 78-FBGA	8	U13, U14, U15, U16, U18, U19, U20, U21			SK Hynix Inc.	HSANAG8NCR-MVKC
112	U0000030	IC CONV DDR DDR2 DDR3 DDR4 10SON	1	U17			Texas Instruments	TPSS1200DRCR
113	U0000127	IC PWR SWITCH P-CHAN 1A 1.1 SOT25	4	U22, U43, U52, U56			Diodes Inc	AP2171WG-7
114	U0000217	IC Gigabit ETHERNET RGMII/RMII/GMII 68QFN	1	U23			Microsemi Solutions	VSC8541XMV-02
115	U0000215	IC REG BUCK ADJ 20A 40LQFN	1	U24			Texas Instruments	TPSS44820RVFR
116	U0000146	IC GATE AND 1CH 2-INP 5TSSOP	1	U25			Nesperia	74VLC1G08GW.125
117	U0000002	IC EEPROM 2K SPI 2MHZ SOT23-6	1	U26			Microchip Technology	93LC56BTJ/OT
118	U0000045	IC EEPROM 2KBIT 400KHZ 8TSSOP	1	U27			ST Microelectronics	M24C02-FDW6TP
119	U0000043	IC REG BUCK ADJ 2A SYNC 8WSON	1	U30			Texas Instruments	TLV62084DSGT
120	U0000120	IC PWR MGMT HOTSWAP 3-20V 16QFN	2	U31, U32			Texas Instruments	TPS25910RSAR
121	U0000089	IC TVS DIODE 3.6V 8.8V 10USON	4	U33, U34, U35, U54			Texas Instruments	TPD4E02B04DQAR
122	U0000152	IC System PMIC (6 bucks + 11 LDO)	1	U36			Dialog Semiconductor	D9A963-AEH02
123	U0000160	IC PWR SWITCH N-CHAN 1:1 X2 GA14WSON	1	U39	Anpec	APL3523AQBI	Texas Instruments	TPS22966DPIUR
124	U0000088	IC PCie Gen 3 Switch	1	U40			Asmedia	ASM8224
125	U0000001	IC USB Bridge: USB to UART, FIFO USB 2.0 UART Interface 64-LQFP	1	U48			FTDI	FT232RL-REEL
126	U0000058	IC TXRX USB 2.0 FLEXPIWR 32QFN	1	U59			Microchip Technology	USB3230C-EZK
127	X0000024	XTAL OSC XO 1.0000MHZ CMOS SMD	1	X1	SIK Crystal	SIK-2N-1.000-1.6"-9.3-50-CJ	EPSON	SG-2105TF-1.0000ML
128	X0000019	MEMS OSC XO 26.0000MHZ LVCMOS	1	X2	SIK Crystal	SIK-3N-26.00-1.6"-3.3-50-CJ	Abracon	ASEMB-26.0000MHZ-L-T
129	X0000011	CRYSTAL 25.0000MHZ 10PF SMD	4	Y1, Y4, Y6, Y9	SIK Crystal	SIK-7U-25.00-10-30-80-B-30J	Epson	FA-238 25.0000MB-K3
130	X0000013	CRYSTAL 32.768KHZ 12.5PF SMD	1	Y2	SIK Crystal	SIK-6K3-32.768-12.5-20-70-C	Micro Crystal	CM7V-T1A-32.768KHZ-12.5PF-20PPM-TA-QC
131	X0000018	CRYSTAL 26.00 MHZ 9.0PF SMD	2	Y3, Y8	SIK Crystal	SIK-7U-26.00-9-10-60-B-10J	EPSON	TSX-3225 26.0000MF092-ACD
132	X0000020	CRYSTAL 20.0000MHZ 9PF SMD	1	Y5	SIK Crystal	SIK-7U-20.00-9-10-60-D-20J	EPSON	TSX-3225 20.0000MF20G-AC3
133	X0000004	CRYSTAL 12.0000MHZ 10PF SMD	1	Y7	SIK Crystal	SIK-7U-12.00-10-30-80-B-30J	Abracon LLC	ABM8G-12.000MHZ-84Y-T