

HSP50415EVAL1 Rev B2

Part Number	Ref Des	Qty	Value	Tol.	Voltage	Power	Manufacturer	Description
H1045-00104-16V10	C1,C2,C12-C14,C16-C24,C26-C36,C39,C40,C42,C43,C45,C46,C48,C49,C52,C53,C55,C58-C60,C62,C63	41	0.1UF	10%	16V		GENERIC	X7R Multilayer Capacitor
H1046-00104-50V10	C3,C6,C7,C10,C11,C15,C25	7	0.1UF	10%	50V		GENERIC	X7R Multilayer Capacitor
H1046-00330-50V5	C4	1	33PF	5%	50V		GENERIC	NPO Multilayer Capacitor
H1046-00471-50V5	C5	1	470PF	5%	50V		GENERIC	NPO Multilayer Capacitor
H1046-COPEN-OPEN	C8,C9,C76,C77	4	OPEN	5%	OPEN		GENERIC	NPO Multilayer Capacitor
H1046-00100-50VR5	C37,C38,C41,C44	4	10PF	0.5PF	50V		GENERIC	NPO Multilayer Capacitor
H1045-00103-16V10	C47,C50,C51,C54,C64-C71	12	0.01UF	10%	16V		GENERIC	X7R Multilayer Capacitor
H1112-00106-10V10-B	C56,C57	2	10UF	10%	10V		GENERIC	Electrolytic Tantalum Chip Capacitor
H1112-00226-6R3V10-B	C61	1	22UF	10%	6.3V		GENERIC	Electrolytic Tantalum Chip Capacitor
H1046-00105-16V8020	C72-C75	4	1UF	80-20%	16V		GENERIC	Y5V Multilayer Capacitor
1N4002	D1	1					VARIOUS	Generic Diode
597-3311-407	D2,D3,D8-D10	5					Dialight	Surface Mount Green LED
597-3111-402	D4-D7	4					Dialight	Surface Mount Red LED
FLE-110-01-G-DV	J13-J15	3					SAMTEC	FLE 0.05 pitch 2X10 SMT Socket
BLM31P500S	L1-L3	3					muRata	Chip Ferrite Bead
67996-272-2X13	P1	1					BERG	Twenty Six Pin Connector Block
67996-272-2X10	P2,P3	2					BERG	Twenty Pin Connector Block
67996-272-2X5	P5	1					BERG	Ten Pin Connector Block
74LVX161284MTD	U1	1					FAIRCHILD	Low Voltage Translating Transceiver
CY37256VP208-100NC	U2	1					CYPRESS	3.3V 256-Macrocell ISR CPLD
SN74ALVCH16823DL	U3	1					TI	18-Bit Bus-Interface Flip-Flop With 3-State Output
HSP50415VI-SOC	U4	1					INTERSIL	2-Channel Modulator Use Yamaichi Socket IC149-100-014-
SQ3345-2.048M	U5	1					PLETRONICS	Half Size Tri-State Oscillator
SQ3345DV-100.0M-PN	U6	1					PLETRONICS	Half Size Tri-State Oscillator
CY7C1327-133AC	U7	1					CYPRESS	256K x 18 Synchronous Cache RAM
MM74HC244MTC	U8	1					FAIRCHILD	Octal 3-State Buffer
2-332095-4	U5, U6 Part Sockets	12					AMP	Mini-Spring Sockets
RAPC712	J1	1					SWITCHCRAFT	Right-Angle Miniature Power Jack
142-0701-301	J2-J5	4					EF Johnson	SMA Connector
135-3701-201	J6-J8	3					Johnson	Straight Mount Jack Receptacle
68000-236-1X3	JP1-JP5	5					BERG	Three Pin Jumper
68000-236-1X2	JP6,JP7	2					BERG	Two Pin Jumper
SPC02SYAN	JP1-JP7 shunts (as required)	7					Sullins	Shunt, Square, 0.25" X 0.100", AU flash
H2512-ROPEN-OPEN	R1,R7,R9,R38,R40,R41,R43,R69	8	OPEN	5%		OPEN	GENERIC	Thick Film Chip Resistor
H2511-03001-1/16W5	R2,R22,R27,R30,R32,R36,R37,R39,R44-R47,R52,R54,R71-R75	19	3K	5%		1/16W	GENERIC	Thick Film Chip Resistor
H2512-01001-1/10W1	R3,R4,R23,R24	4	1K	1%		1/10W	GENERIC	Thick Film Chip Resistor
H2512-049R9-1/10W1	R5,R10,R13,R25	6	49.9	1%		1/10W	GENERIC	Thick Film Chip Resistor
H2512-01211-1/10W1	R6	1	1.21K	1%		1/10W	GENERIC	Thick Film Chip Resistor
H2506-02001-1/10WR1	R8	1	2K	0.10%		1/10W	GENERIC	Metal Film Chip Resistor
H2512-00R00-1/10W	R14-R17,R20,R21,R64,R66,R67	9	0	0%		1/10W	GENERIC	Thick Film Chip Resistor
H2512-01000-1/10W1	R18,R19	2	100	1%		1/10W	GENERIC	Thick Film Chip Resistor
H2511-01000-1/16W5	R26,R29,R31,R35,R42,R48-R51,R53,R55	11	100	5%		1/16W	GENERIC	Thick Film Chip Resistor
H2512-01600-1/10W5	R28,R56-R63	9	160	5%		1/10W	GENERIC	Thick Film Chip Resistor
H2513-01050-1/8W1	R33	1	105	1%		1/8W	GENERIC	Thick Film Chip Resistor
H2513-01740-1/8W1	R34	1	174	1%		1/8W	GENERIC	Thick Film Chip Resistor
H2511-00340-1/16W1	R65,R68,R70	3	34	1%		1/16W	GENERIC	Thick Film Chip Resistor
H2511-06800-1/16W5	R76-R79	4	680	5%		1/16W	GENERIC	Thick Film Chip Resistor
T1-1T-KK81	T1,T2	2					MINI-CIRCUIT	RF Wideband Transformer
5001	TP1,TP2,TP4-TP6,TP8,TP13	7					KEYSTONE	Miniature Black Test Point
5002	TP3	1					KEYSTONE	Miniature White Test Point
5000	TP7,TP14,TP15	3					KEYSTONE	Miniature Red Test Point
5015	TP9-TP12	4					KEYSTONE	Miniature Surface Mount Test Point
LT1085CT	Y2	1					LINEAR-TECH	3A Low Dropout Positive Adjustable Regulator