

HBCG001 REV 1.2.0

PriorityPN	Item	Quantity	Part	Description	Manufacturer	Manufacturer P	Reference
CO00500		57	1	HDMI Connector	LOTES	ABA-HDM-051-P01	J11
CO00002		56	1	GigaBit Ethernet	RJ45 Connector	B50(15-02)G8-09-A022-B12	J10
CA20013	10,18	5	0.1UF	CAP CER 0.1UF 16V 10% X7R 0402	SAMSUNG	CL05B104KO5NNNC	C12,C40,C27,C28,C29
CO00511		72	1	DH40C-70DS-0.4V(51)	Board-to-Board header 70 pins, 0.4mm pitch	HIROSE	DF40C-70DS-0.4V(51)
CO00100		3	1	CON 6 SIM CARD	CON 6 SIM CARD SMT 100MIL SP 91H AU	JAE	SF7W00651AE1000
RE20203		92	1	649	CHIP RES 649 1% 1/16W 0402	YAGEO	RC0402FR-07649RL
CO00509		64	1	HEADER 3		CVILUX	CH31032V200-NH
CA20015		11	2	560pF	CAP CER 560PF 50V 10% X7R 0402	MURATA	GRM155R71H561KA01D
CA20092		12	2	3.3nF	CAP CER 3.3nF 16V 10% X5R 0402	SAMSUNG	CL05B332KB5NNNC
CA20090		9	4	0.1UF	CAP CER 0.1UF 16V 10% X7R 0402	SAMSUNG	CL05B104KO5NNNC
CA20091		19	2	8pF	CAP CER 8PF 50V 1% COG 0402	CAPAX TECHNOLOGIES INC.	0402G180F500SNT
RN00007		83	1	4x300 Ohm	Resistor Network 4.7K Ohm 5% 4 x 0402 SMT	YAGEO	YC124-JR-074K7L
CO00090		121	2	2xUSB	2xUSB	CZT	USB-A2D16F-2B8N
IC00005		126	3	ESD7004MUTAG_NL	HDMI ESD protection	ON-SEMI	ESD7004MUTAG
RN00002		84	3	4x4.7K	4.7K Resistor Network 4x0402 5%	YAGEO	YC124-JR-074K7L
IC00160		122	1	TS9011ACX	LDO - 1.5V output, 0.25A, 12V maximum inout	Taiwan Semiconductors	TS9011ACX
BT00001		1	1	SCR1620VE01S		JL WORLDWI	SCR1620VE01S
MCH0009		67	4	MECH_2.5_4.1		WURTH	977-406-024-3R
IC00040		128	1	PCF8523		NXP	MCF8523T
IN00045		79	1	4.7uH	Power inductor 4.7uH Isat=10A	VIKING	SDB0630MT2R2
DI00002		45	1	RB521CS-30	Schottky Diodes & Rectifiers SURF. MOUNT	ROHM	RB521CS-30T2R
DI00003		42	1	LTST-S320KRKT		AVAGO TECH	HSMH-C680
IC00566		132	2	RT2875A/B		RIKTEK	RT2875BOGCP
CA60001		21	1	1nF	CHIP CAP 1nF 2KV 1610	Hitano	1210N102J202NT
CO00098		117	1	DTSM-3		DIPTRONICS	DTSM-31N-V-B
IN00047		78	1	6.8uH	Power inductor 6.8uH Isat=10A	VIKING	SDB0630MT2R2
CO00521		71	1	MIPi CSI and DSI	CON 33 SHRD SKT RA SMT 0.5mm SP AU	Pinrex	979-43-9-3320A
IN00001		77	2	90Ohm	Filter Bead 90ohms 25%	VIKING	CB05YTYH900
RE20015		108	2	100K	RES MF 100K 1/16W 0402	VISHAY INTERTECHNOLOGY	CRCW040224K0FKED
IN00003		48	1	BLM18PG121SN1D	Bead 120ohm, 100MHz, 2A	MURATA	BLM18PG121SN1D
RE20013	95,102,103,104	6	10.0K	RES MF 10.0K 1/16W 1% 0402	YAGEO	RC0402FR-0710KL	R15,R29,R30,R31,R46,R11
CO00018		52	1	CON 2X26 MINI PCI EXPRESS	CON 2X26 MINI PCI EXPRESS SMT 0.8MM SP 1136H	LOTES	AAA-PCI-046-K01
RE20011		90	2	49,9	RES MF 49.9 OHM 1/16W 1% 0402	YAGEO	RC0402FR-0749R9L
CO00508		63	2	HEADER 6X2		CVILUX	CH81122V200
DI00008		43	1	ACT	Indication LED 0603 - Green	BRIGHTTEK	1SA0603G32A0CB01
RE20155		107	2	50K	RES MF 50K 1/16W 1% 0402	YAGEO	RC0402FR-0749K9L
CO00017		54	2	DF40C-80DS-0.4V(51)	Board-to-Board 80 pins, 0.4mm pitch	Hirose	DF40C-80DS-0.4V(51)
IC00042		123	1	CY7C65632		CYPRESS	CY7C65632-28LTXC
CA20005	5,14,23,41	5	1uF	CHIP CAP 33nF 6.3V 0402 X5R	SAMSUNG	CL05B333KPSNNNC	C4,C20,C30,C47,C103
IC00131		125	2	MIC2026-1YM	IC LIN SW PWR ACTIVE HIGH DUAL 2.7V-5.5V 0.5A SOIC8	MICREL	MIC2026-1YM
CA60004	20	4	10uF-C1210	CHIP CAP 1210 10uF 50V 20% X5R	SAMSUNG	CL32B106KBJNNWE	C43,C63,C64,C65
CO00019		73	1	HEADER 4x2/SM	Two row 100-mil through hole header	HARWIN	M20-9980446
RE20152		106	3	110K	RES MF 110K 1/16W 1% 0402	YAGEO	RC0402FR-07110KL
CA20800		32	1	4.7uF	CAP CER 4.7 6.3V 10% X5R 0402	SAMSUNG	
CO00507		62	2	HEADER 3X2		CVILUX	CH81062V200
RE20030	97,101	2	1.6K	RES MF 1.6K 1/16W 1% 0402	KOA SPEER	RK73H1ETTP1601F	R23,R28
IC00220		131	1	Dual SPDT	Dual analog switch	TI	TS3A5223RSWR
OC00009		138	1	12MHz	XTAL 24MHZ -- 3.2X2.5MM SMT	YOKETAN	S3225A024000-F10CCCA
IC00666		82	1	TSM2323	20V P-Channel MOSFET	TSC	TSM2323CX RF
CA20014		24	3	470pF	CAP CER 470PF 50V 10% X7R 0402	MURATA	GRM155R71H471KA01D
OC00001		81	1	32.768KHZ	XTAL 32.768KHZ 12.5PF 20PPM 3.2X1.5MM SMT	NDK	NX3215SA32.768K-STD-MUA-4
CO00053		2	1	KLDHCX-0202-A-LT	Power Jack	KYCON	KLDHCX-0202-A-LT
RE20204	96,98,99	5	2.2k	CHIP RES 2.2K F 1/16W 0402	YAGEO	RC0402FR-072K2L	R18,R24,R33,R34,R25
CO00091		129	1	Micro SD push-push	SD/MMC card connector	CEN LINK	ZM90-15000-0BR1
MCH0007		61	2	MECH_2.4_3.6		A-LINK	NO143416
MCH0006		60	2	MECH_3.8_5		A-LINK	S0305025A
RE20156		109	1	25.5K	RES MF 25.5K 1/16W 1% 0402	YAGEO	RC0402FR-0725K5L
RE50001		47	1	SMBJ24CA	TVS Diodes - Transient Voltage Suppressors 5.0V 600W 5% Uni	TSC	SMBJ24A
IC00300		119	1	Dual Buffer - NLX2G16		ON-SEMI	NLX2G16AMX1TCG
RE20009		100	1	0	RES MF 0 Ohm 1/16W 1% 0402	YAGEO	RC0402JR-070RL
IC00014		130	1	TS9011DCX	LDO - 1.8V output, 0.25A, 12V maximum inout	Taiwan Semiconductors	TS9011DCX
RE20100		105	2	15K	RES MF 15K 1/16W 1% 0402	YAGEO	RC0402FR-0715KL
CA30001	15,16,30,33	6	10uF	CAP CER 10UF 6.3V 10% X5R 0603	SAMSUNG	CL10A106KQ8NNNC	C21,C25,C22,C66,C62,C85
CA30002	6,7,26	16	22uF	CAP CER 22UF 6.3V 20% X5R 0603	Samsung	CL10A226MQ8NRNE	C5,C7,C37,C39,C41,C81,C86,C87,C88,C89,C8,C9,C23,C24,C50,C56
DM00002		2	mikroBUS		PINREX	610-91-08GB00	U10002
PS00015				PCB HB2 rev 1.2	PCB HB2 rev 1.2	PRINT-E	#NV