

1.	Intergrated Circuits			
S/N	Item p/n & description	Package	Reference	Qty
1.1	Serial 32Kbit EEPROM P/N:M24C32WMN6TP	JEDEC SOIC-8PIN	U2	1
1.2	GaAs DC-6 GHz DPDT Switch 2.0 - 6.0 GHz P/N:HWS465	QFN12L(3X3mm)	S1,S2	2
1.3	4.9-5.8GHz High-linearity Power Amplifier P/N:SST11LP12-QVCE	16PIN 3.3MM Square QFN	U7,U8	2
1.4	AR9220-AC1E,802.11n,2x2,MIMO MAC/BB/RADIO,2.4 AND 5GHz WLAN,BGA	BGA	U6	1
2.	Transistors/Regulators			
S/N	Item description	Package	Reference	Qty
2.1	REG,RT8010,1.5MHz,1A,STEP-DWN CONV,DFN	DFN-8	VR1	1
2.2	REG,SM,SOT-89,600mA,1.8V,LDO P/N:AME8805MEFTZ	SOT-89	VR2	1
3.	Resistors			
S/N	Item description	Package	Reference	Qty
3.1	RES,0402,10K OHMS,+/-5%,1/16W P/N:RR0510S-103-JN	0402	R11,R12,R78,R79,R233,R234	6
3.2	RES,0402,0 OHMS,+/-5%,1/16W P/N:RR0510X-000-XN	0402	R235,R236,R237,R238,R243,R250,R7,R21,R25 ,R26,RU7_3,RU8_3	12
3.3	RES,0402,6.19K OHMS,+/-1%,1/16W P/N:RR0510S-6191-FN	0402	R16	1
3.4	5.1R 1/16W 1% P/N:RC0402FR-075R1	0402	R28,R29	2
3.5	10R 1/16W 5% P/N:RR0510S-100-JN	0402	R194,	1
3.6	47R 1/16W 5% P/N:RR0510S-470-JN	0402	R4,R24	2

3.7	1.1Kohms 1/16W 5% P/N:RR0510S-112-JN	0402	R9,R23	2
3.8	RES,0402,18 OHMS,+/-5%,1/16W P/N:RC0402JR-0718RL	0402	R162,R163	2
3.9	24R 1/16W 5% P/N:RR0510S-240-JN	0402	RU7_1,RU8_1	2
3.10	49.9R 1/16W 1% P/N:RR0510S-49R9-FN	0402	R229,R230,R52,R53	4
3.11	110R 1/16W 1% P/N RC0402FR-07110RL	402	RU7_2,RU8_2,	2
3.12	0R 1/10W 5% P/N:9C06031A0R00JLPFT	0603	R31, R178, R200,R227	4
4.	Resistor Packs (R.P.)			
S/N	Item description	Package	Reference	Qty
5.	Capacitors			
S/N	Item description	Package	Reference	Qty
5.1	0.3pF 50V Multilayer +/-0.1pF NPO (LEAD FREE)	0402	CU7_11,CU8_11	2
5.1s	0.3pF 50V Multilayer +/-0.1pF NPO (LEAD FREE)	0402	CU7_11,CU8_11	2
5.2	0.5pF 50V Multilayer +/-0.1pF NPO (LEAD FREE) P/N:500R07S0R5BV4T	0402	CU7_2,CU8_2	2
5.3	1.0pF 50V Multilayer +/-0.25pF NPO (LEAD FREE) P/N:GJM1555C1H1R0CB01D	0402	C51,C56,C59,C60	4

5.3s	1.0pF 50V Multilayer +/-0.25pF NPO (LEAD FREE) P/N:0402CG109C9B200	0402	C51,C56,C59,C60	4
5.3s	1.0pF 50V Multilayer +/-0.25pF NPO (LEAD FREE) P/N:500R07S1R0CV4T	0402	C51,C56,C59,C60	4
5.4	2.2pF 50V Multilayer +/-0.25pF NPO P/N:GJM1555C1H2R2CB01D	0402	C34,C97,L29,L30	4
5.5	0.1uF 10V Multilayer +/-10% X5R (LEAD FREE) P/N:GRM155R61A104KA01D	0402	C123,C124,C126,C128,C129,C130,C132,C133,C134,C136,C137, C152,C155,C386,C391,C392,C435,CU7_3,CU7_4,CU7_7,CU8_3, CU8_4,CU8_7,	23
5.6	100pF 50V Multilayer +/-5% NPO (LEAD FREE) P/N:GRM1555C1H101JZ01D	0402	C382,C395,C396,C397,C398,C406,C407,C408,C410,C412,C383, C393,C394,C400,C402,C403,CU7_6,CU8_6,CU7_14,CU8_14	20
5.6s	100pF 50V Multilayer +/-5% NPO (LEAD FREE) P/N:0402CG101J9B200	0402	C382,C395,C396,C397,C398,C406,C407,C408,C410,C412,C383, C393,C394,C400,C402,C403,CU7_6,CU8_6,CU7_14,CU8_14	20
5.7	0.01uF 25V Multilayer +/-10% X7R (LEAD FREE)	0402	C20,C21,C174	3
5.8	CAP,0402,NPO,0.75pF,+/-0.1pF,50V P/N:GJM1555C1HR75CB01D	0402	C96,C99,C372,C373	4
5.9	CAP,0402,X7R,1500pF,+/-10%,50V P/N:GRM155R71H152KA01D	0402	C139	1
5.10	CAP,0402,X5R,0.22uF,+/-10%,6.3V P/N:GRM155R60J224K	0402	C2,C117,C118,C121,C122,C142,C153,C154,C159,C378,C381,C3 84,C388,C389,C390,C409,C411	17
5.11	3.3pF 50V Multilayer +/-0.25pF NPO (LEAD FREE) P/N:GJM1555C1H3R3CB01D	0402	CU7_5,CU8_5	2
5.11s	3.3pF 50V Multilayer +/-0.25pF NPO (LEAD FREE) P/N:500R07S3R3CV4T	0402	CU7_5,CU8_5	2
5.12	3.9pF 50V Multilayer +/-0.25pF NPO (LEAD FREE) P/N:GJM1555C1H3R9CB01D	0402	CU7_9,CU8_9,C376,C380	4

5.12s	3.9pF 50V Multilayer +/-0.25pF NPO (LEAD FREE) P/N:0402CG399C9B200	0402	CU7_9,CU8_9,C376,C380	4
5.12s	3.9pF 50V Multilayer +/-0.25pF NPO (LEAD FREE) P/N:500R07S3R9CV4T	0402	CU7_9,CU8_9,C376,C380	4
5.13	2.2uF 16V Multilayer +/-10% X5R P/N:GRM21BR61C225KA88L	0805	C168, C422	2
5.14	10pF 50V Multilayer +/-5% NPO (LEAD FREE) P/N:GJM1555C1H100JB01D	0402	C23,C35,C52,C53,C54,C55,CU7_1,CU8_1,C119,C120,C125,C127,C3,C38,C17,C24,C25,C36,C37,cu8_13,cu8_12,cu7_13,cu7_12	23
5.14s	10pF 50V Multilayer +/-5% NPO (LEAD FREE) P/N:0402CG100J9B200	0402	C23,C35,C52,C53,C54,C55,CU7_1,CU8_1,C119,C120,C125,C127,C3,C38,C17,C24,C25,C36,C37,cu8_13,cu8_12,cu7_13,cu7_12	23
5.14s	10pF 50V Multilayer +/-5% NPO (LEAD FREE) P/N:500R07S100JV4T	0402	C23,C35,C52,C53,C54,C55,CU7_1,CU8_1,C119,C120,C125,C127,C3,C38,C17,C24,C25,C36,C37,cu8_13,cu8_12,cu7_13,cu7_12	23
5.15	CAP,1206,X5R,22uF,+/-10%,6.3V,1.6mm_tall	1206	C86,C149,C150,C151	4
5.16	22uF, 6.3V, +/-20%, Multilayer (LEAD FREE)	1206	CU7_8,CU8_8	2
5.17	CAP,1206,X5R,47uF,+/-10%,6.3V,1.6mm_tall	1206	C167,C169	2
6.	I.C. Sockets & Connectors			
S/N	Item p/n & description	Package	Reference	Qty
6.1	MMCX straight PCB mount Jack P/N:25-002AA-T	Hole	J5,J8	2
7.	Miscellaneous			
S/N	Item p/n & description	Package	Reference	Qty
7.1	LNA for 5GHz UNII Band 802.11a Systems P/N: TQL5000	SLIM-7	F11,F12	2
7.2	XTAL,CXO,SM,40MHz,1.8V,+/-10PPM	SMD-4PIN	Y4	1

7.3	IND,0402,4.3nH+/-0.1nH P/N:LQP15MN4N3B02D	402	c18,c423	2
7.4	IND,0402,1.8nH+/-0.1nH P/N:LQP15MN1N8B02D	0402	L38,L39	2
7.5	IND,1210,2.2uH,+/-30% P/N:LQH32CN2R2M53K	1210	L18	1
7.6	IND,0402,1.2nH+/-0.1nH P/N:LQP15MN1N2B02D	0402	C375,C377	2
7.7	RF_SPEC,BAND PASS FILTER,5GHz (LEAD FREE) P/N:LFB215G37SG8A185	SMD	F8,F10	2
7.8	Schottky Diode Atheros Chip Set P/N:SMS7630-996LF	SC-79	D1, D3	2
7.9	PCB of WLM200N5 23 Rev. 1.01; size: 2.025 x 2.346 inch (LEAD FREE) Thickness: 39 mils; 4-Layer			1

HDFLOW3 Super Mini Receiver BOM

DOC. Date		2014. 12. 23							
DOC. Revision NO.		Ver. 0.0							
No.	ERP CODE	Part Name	Part No.	Description	Q'ty	Package	Manufacturer	Reference	Remark
1	HDW3003300010010000	IC	MCIMX6U5DVM10AC	IC MCU MX6DUAL LITE ARM CORTEX-A9 FBGA624	1	BGA624_0P8_21X21	FREESCALE	U1	
2	HDW3003300010020000	IC	MT41K128M16JT-125;K	IC MEM DDR3 SDRAM 2Gb 128MX16 1.35V FBGA96	4	BGA96_0p8_8p15x14p15	MICRON	U2,U3,U4,U5	
3	HDW3003300010030000	IC	S02N7DUJ2-8G;MTFC8GACAAAM-3M;WT	IC INAND MEM FLASH 8GB 2.7-3.6V TF8GA153	1	BGA153_0p5_11.5x13	SANDISK	U6	
4	HDW3003300010040000	IC	M25P32-VMMW6T;GN25Q032A13E5E40	IC MEM SERIAL FLASH 32MBIT 2.7-3.6V SO8W	1	SO8WST	MICRON	U7	
5	HDW3003300010060000	IC	NC7SP125P5X	IC BUF TS 0.9-3.6V	1	SC70-5_A	FAIRCHILD	U43	
6	IDIVVU33000101100000	IC	EUP3476DIR1	DCDC, 3A, 28V, 500KHZ	4	SOP-8	EUTECH	U25,U27,U33,U37	
7	HDW3003300010130000	IC	MMPF0100FOAEP	IC POWER MANAGEMENT CONSUMER/INDUSTRIAL QFN56	1	QFN56_0P5_8X8_EP4P5	FREESCALE	U52	
8	HDW3003300010140000	IC	FDC6321C_NL	MOSFET,DUAL N & P CHANNEL, SOT6 ROHS	1	SOT23-6	FAIRCHILD	U29	
9	HDW3003300010160000	IC	CM2020-00TR	HDMI Transmitter Port Protection and Interface Device	1	TSSOP 38	ONSEMI	U16	
10	HDW3003300010200000	IC	EPF025A	8-bit MCU 4.25KB RAM	1	LQFP64	Explorer	U47	
11	HDW3003300010220000	TVS ARRAY	GBLCO5C-LF-T7	ULTRA LOW CAPACITANCE TVS ARRAY RATED VOLTAGE 0.5V	3	SOD-323	PROTEK DEVICE	D2,D15,D16	
12	IDRVU33000101090000	TVS ARRAY	GBLC24C-LF-T7	ULTRA LOW CAPACITANCE TVS ARRAY RATED VOLTAGE 24V	1	SOD-323	PROTEK DEVICE	D12	
13	IDRVU33000101800000	VARIISTOR	AVR-M2012C390K	VDC 39V, V 35-43V, Cp 430PF, 2012	1	SMD_2012	TDK	VR7	
14	HDW3003300010240000	SCHOTTKY DIODE	NSR0320MW2T1G	DIODE SCH PWR RECT LOW VF 1A 20V SOD323	1	SOD-323	ONSEMI	D1	
15	HDW3003300010250000	SCHOTTKY DIODE	MBR1405FT1G	DIODE SCH PWR RECT 1A 40V SOD123	1	SOD-123	ONSEMI	D9	
16	HDW3003300010260000	SCHOTTKY DIODE(DUAL)	BAT54CLT1G	DIODE SCH DUAL CC 200MA 30V SOT23	2	SOT-23	ONSEMI	D10,D13	
17	HDW3003300010270000	SCHOTTKY DIODE	RB050L-40/(S534A)	DIODE SCH PWR RECT 3A 40V SOD106	2	SOD-106	ROHM	D11,D504	
18	HDW3003300010330000	LDO	RP114N331D-TR-FE	300mA LDO Regulator	1	SOT-23-5	RICOH	U17	
19	ITW1003300010210000	FERRITE BEAD	HH-1T2012-121J	Ferrite BEAD 20x12mm_120Q_100MHz_3A	1	SMD_2012	CERATECH	F84	
20	IDRVU33000103000000	POWER INDUCTOR	SHP0735P-F6R8A	POWER COIL, 7X7X3.5MM, 6.8UH	3	SMD_7070	TOKYO COIL	L3,L4,L12	
21	HDW3003300010310000	POWER INDUCTOR	LPS5015-102MRC	POWER COIL, 5X5X1.5MM, 1.0UH	2	SMD_5050	COILCRAFT	L5,L6	
22	HDW3003300010300000	POWER INDUCTOR	1uH/VLS252010T-1R0N	POWER COIL, 2.5X2.0X1MM, 1.0UH	3	SMD_2520	TDK	L7,L8,L9	
23	HDW3003300010310000	POWER INDUCTOR	LPS4018-222MRC	POWER COIL, 4X4X1.8MM, 2.2UH	1	SMD_4040	COILCRAFT	L10	
24	HDW3003300010320000	POWER INDUCTOR	SHP0735P-F4R7A	POWER COIL, 7X7X3.5MM, 4.7UH	1	SMD_7070	TOKYO COIL	L15	
25	IDGAMN33000100600000	FET	LP3415ELT1G;(FTK3415)	20V P CHANNEL MOSFET SOT23	2	SOT-23	LRC	Q1,Q3	
26	IDGAMN33000100700000	TR	DTC114YUA	NPN TRANSISTOR SOT323	2	SOT-323	RECTRON	Q2,Q4	
27	IDGAMN33000100500000	CRYSTAL	J3010-24.000-1A, 24.000MHz(+/-10ppm,18pf)	XTAL 24MHZ (+/-10ppm,18pf) SMD 3.2X2.5MM	2	SMD_3225	ITTI	Y1,Y5	
28	HDW3003300010370000	CRYSTAL	FC-135, 32.768KHZ	XTAL 32.768KHZ 12.5PF 20PPM 3.2X1.5MM SMT	1	SMD_3215	SEIKO EPSON	Y2	
29	HDW3003300010210000	ARRAY RESISTOR	RNET BUS 8 10K 1/32W 5% SMT	RNET BUS 8 10K 1/32W 5% SMT	4	RCA_8_10	ROHM	RN1,RN2,RN3,RN4	
30	IDRVU33000108200000	CHIP CAPACITOR	CAP_18pF_50V_1%	Ceramic Capacitor SMD 10x05mm_18pF	6	SMD_1005	ANY	C84,C85,C86,C87,C257,C258	
31	IDRVU33000109000000	CHIP CAPACITOR	CAP_2.2nF_16V_10%	Ceramic Capacitor SMD 10x05mm_2.2nF	3	SMD_1005	ANY	C300,C386,C407	
32	HDW3003300010450000	CHIP CAPACITOR	CAP_10nF_10V_10%	Ceramic Capacitor SMD 06x03mm_10nF	1	SMD_0603	ANY	C43	
33	ITW1003300010270000	CHIP CAPACITOR	CAP_10nF_16V_10%	Ceramic Capacitor SMD 10x05mm_10nF	4	SMD_1005	ANY	C290,C311,C371,C401	
34	IDRVU33000109300000	CHIP CAPACITOR	CAP_22nF_50V_10%	Ceramic Capacitor SMD 10x05mm_22nF	2	SMD_1005	ANY	R567,R799	
35	IDRVU33000109700000	CHIP CAPACITOR	CAP_470nF_25V_10%	Ceramic Capacitor SMD 10x05mm_470nF	8	SMD_1005	ANY	C291,C295,C296,C301,C309,C322,C381,C406	
36	HDW3003300010480000	CHIP CAPACITOR	CAP_0.1uF_10V	Ceramic Capacitor SMD 06x03mm_0.1uF	6	SMD_0603	ANY	C141,C142,C143,C144,C145,C149 C92,C147,C153,C176,C181,C182,C183,C184,C185,C187,C188,C262,C263, C264,C265,C297,C308,C310,C323,C334,C347,C382,C408,C438,C439,C742 C744,C745,C749 C1,C2,C3,C4,C6,C7,C8,C9,C11,C12,C13,C14,C16,C17,C19,C21,C22, C23,C24,C25,C27,C28,C29,C30,C31,C33,C34,C35,C36,C38,C40,C44,C46,C4 7,C48,C49,C50,C52,C53,C55,C56,C57,C58,C60,C61,C62,C63,C64,C66,C67, C68,C69,C70,C73,C75,C76,C77,C78,C79,C81,C82,C83,C97,C113,C121,C12 2,C125,C128,C131,C134 C80,C88,C89,C90,C91,C93,C94,C95,C96,C98,C99,C100,C101,C102,C103,C 104,C105,C106,C107,C108,C109,C110,C114,C115,C116,C117,C118,C119, C120,C123,C124,C126,C127,C129,C130,C132,C135,C136,C137,C353,C440 C441	
37	ITW1003300010280000	CHIP CAPACITOR	CAP_0.1uF_10V_10%	Ceramic Capacitor SMD 10x05mm_0.1uF	29	SMD_1005	ANY	C5,C10,C15,C20,C26,C32,C37,C39,C41,C54,C59,C65,C71,C74,C111,C112,C 133,C138,C139,C140,C148 C42,C45,C51,C146,C152,C175,C180,C256,C260,C304,C350,C352,C354 C437,C493,C743 C298,C302,C303,C305,C306,C307,C312,C316,C325,C330,C333,C348, C349 C177,C178,C179,C261,C293,C294,C313,C314,C345,C376,C377,C404,C405, C498 C319,C320,C321,C324,C326,C327,C328,C329,C331,C332,C335,C336, C337,C338,C346 C292,C315,C357,C360,C361,C374,C402 R1,R3,R4,R5,R6,R7,R8,R9,R10,R11,R12,R13,R14,R15,R16,R17,R18,R19,R20,R21,R22,R23,R24,R25,R26,R27,R28,R29,R30,R31,R32,R33,R34,R35,R36,R37,R38,R39,R40,R41,R42,R43,R44,R45,R46,R47,R48,R49,R50,R51,R52,R53,R54,R55,R56,R57,R58,R59,R60,R61,R62,R63,R64,R65,R66,R67,R68,R69,R70,R71,R72,R73,R74,R75,R76,R77,R78,R79,R80,R81,R82,R83,R84,R85,R86,R87,R88,R89,R90,R91,R92,R93,R94,R95,R96,R97,R98,R99,R100,R101,R102,R103,R104,R105,R106,R107,R108,R109,R110,R111,R112,R113,R114,R115,R116,R117,R118,R119,R120,R121,R122,R123,R124,R125,R126,R127,R128,R129,R130,R131,R132,R133,R134,R135,R136,R137,R138,R139,R140,R141,R142,R143,R144,R145,R146,R147,R148,R149,R150,R151,R152,R153,R154,R155,R156,R157,R158,R159,R160,R161,R162,R163,R164,R165,R166,R167,R168,R169,R170,R171,R172,R173,R174,R175,R176,R177,R178,R179,R180,R181,R182,R183,R184,R185,R186,R187,R188,R189,R190,R191,R192,R193,R194,R195,R196,R197,R198,R199,R200,R201,R202,R203,R204,R205,R206,R207,R208,R209,R210,R211,R212,R213,R214,R215,R216,R217,R218,R219,R220,R221,R222,R223,R224,R225,R226,R227,R228,R229,R230,R231,R232,R233,R234,R235,R236,R237,R238,R239,R240,R241,R242,R243,R244,R245,R246,R247,R248,R249,R250,R251,R252,R253,R254,R255,R256,R257,R258,R259,R260,R261,R262,R263,R264,R265,R266,R267,R268,R269,R270,R271,R272,R273,R274,R275,R276,R277,R278,R279,R280,R281,R282,R283,R284,R285,R286,R287,R288,R289,R290,R291,R292,R293,R294,R295,R296,R297,R298,R299,R300,R301,R302,R303,R304,R305,R306,R307,R308,R309,R310,R311,R312,R313,R314,R315,R316,R317,R318,R319,R320,R321,R322,R323,R324,R325,R326,R327,R328,R329,R330,R331,R332,R333,R334,R335,R336,R337,R338,R339,R340,R341,R342,R343,R344,R345,R346,R347,R348,R349,R350,R351,R352,R353,R354,R355,R356,R357,R358,R359,R360,R361,R362,R363,R364,R365,R366,R367,R368,R369,R370,R371,R372,R373,R374,R375,R376,R377,R378,R379,R380,R381,R382,R383,R384,R385,R386,R387,R388,R389,R390,R391,R392,R393,R394,R395,R396,R397,R398,R399,R400,R401,R402,R403,R404,R405,R406,R407,R408,R409,R410,R411,R412,R413,R414,R415,R416,R417,R418,R419,R420,R421,R422,R423,R424,R425,R426,R427,R428,R429,R430,R431,R432,R433,R434,R435,R436,R437,R438,R439,R440,R441,R442,R443,R444,R445,R446,R447,R448,R449,R450,R451,R452,R453,R454,R455,R456,R457,R458,R459,R460,R461,R462,R463,R464,R465,R466,R467,R468,R469,R470,R471,R472,R473,R474,R475,R476,R477,R478,R479,R480,R481,R482,R483,R484,R485,R486,R487,R488,R489,R490,R491,R492,R493,R494,R495,R496,R497,R498,R499,R500,R501,R502,R503,R504,R505,R506,R507,R508,R509,R510,R511,R512,R513,R514,R515,R516,R517,R518,R519,R520,R521,R522,R523,R524,R525,R526,R527,R528,R529,R530,R531,R532,R533,R534,R535,R536,R537,R538,R539,R540,R541,R542,R543,R544,R545,R546,R547,R548,R549,R550,R551,R552,R553,R554,R555,R556,R557,R558,R559,R560,R561,R562,R563,R564,R565,R566,R567,R568,R569,R570,R571,R572,R573,R574,R575,R576,R577,R578,R579,R580,R581,R582,R583,R584,R585,R586,R587,R588,R589,R590,R591,R592,R593,R594,R595,R596,R597,R598,R599,R600,R601,R602,R603,R604,R605,R606,R607,R608,R609,R610,R611,R612,R613,R614,R615,R616,R617,R618,R619,R620,R621,R622,R623,R624,R625,R626,R627,R628,R629,R630,R631,R632,R633,R634,R635,R636,R637,R638,R639,R640,R641,R642,R643,R644,R645,R646,R647,R648,R649,R650,R651,R652,R653,R654,R655,R656,R657,R658,R659,R660,R661,R662,R663,R664,R665,R666,R667,R668,R669,R670,R671,R672,R673,R674,R675,R676,R677,R678,R679,R680,R681,R682,R683,R684,R685,R686,R687,R688,R689,R690,R691,R692,R693,R694,R695,R696,R697,R698,R699,R700,R701,R702,R703,R704,R705,R706,R707,R708,R709,R710,R711,R712,R713,R714,R715,R716,R717,R718,R719,R720,R721,R722,R723,R724,R725,R726,R727,R728,R729,R730,R731,R732,R733,R734,R735,R736,R737,R738,R739,R740,R741,R742,R743,R744,R745,R746,R747,R748,R749,R750,R751,R752,R753,R754,R755,R756,R757,R758,R759,R760,R761,R762,R763,R764,R765,R766,R767,R768,R769,R770,R771,R772,R773,R774,R775,R776,R777,R778,R779,R780,R781,R782,R783,R784,R785,R786,R787,R788,R789,R790,R791,R792,R793,R794,R795,R796,R797,R798,R799,R800,R801,R802,R803,R804,R805,R806,R807,R808,R809,R810,R811,R812,R813,R814,R815,R816,R817,R818,R819,R820,R821,R822,R823,R824,R825,R826,R827,R828,R829,R830,R831,R832,R833,R834,R835,R836,R837,R838,R839,R840,R841,R842,R843,R844,R845,R846,R847,R848,R849,R850,R851,R852,R853,R854,R855,R856,R857,R858,R859,R860,R861,R862,R863,R864,R865,R866,R867,R868,R869,R870,R871,R872,R873,R874,R875,R876,R877,R878,R879,R880,R881,R882,R883,R884,R885,R886,R887,R888,R889,R890,R891,R892,R893,R894,R895,R896,R897,R898,R899,R900,R901,R902,R903,R904,R905,R906,R907,R908,R909,R910,R911,R912,R913,R914,R915,R916,R917,R918,R919,R920,R921,R922,R923,R924,R925,R926,R927,R928,R929,R930,R931,R932,R933,R934,R935,R936,R937,R938,R939,R940,R941,R942,R943,R944,R945,R946,R947,R948,R949,R950,R951,R952,R953,R954,R955,R956,R957,R958,R959,R960,R961,R962,R963,R964,R965,R966,R967,R968,R969,R970,R971,R972,R973,R974,R975,R976,R977,R978,R979,R980,R981,R982,R983,R984,R985,R986,R987,R988,R989,R990,R991,R992,R993,R994,R995,R996,R997,R998,R999,R1000	
38	HDW3003300010490000	CHIP CAPACITOR	CAP_0.22uF_6.3V_10%	Ceramic Capacitor SMD 06x03mm_0.22uF	70	SMD_0603	ANY	C84,C85,C86,C87,C257,C258	
39	IDRVU33000109600000	CHIP CAPACITOR	CAP_0.22uF_16V_10%	Ceramic Capacitor SMD 10x05mm_0.22uF	42	SMD_1005	ANY	C291,C295,C296,C301,C309,C322,C381,C406	
40	HDW3003300010500000	CHIP CAPACITOR	CAP_1uF_6.3V_10%	Ceramic Capacitor SMD 06x03mm_1uF	21	SMD_0603	ANY	C141,C142,C143,C144,C145,C149 C92,C147,C153,C176,C181,C182,C183,C184,C185,C187,C188,C262,C263, C264,C265,C297,C308,C310,C323,C334,C347,C382,C408,C438,C439,C742 C744,C745,C749 C1,C2,C3,C4,C6,C7,C8,C9,C11,C12,C13,C14,C16,C17,C19,C21,C22, C23,C24,C25,C27,C28,C29,C30,C31,C33,C34,C35,C36,C38,C40,C44,C46,C4 7,C48,C49,C50,C52,C53,C55,C56,C57,C58,C60,C61,C62,C63,C64,C66,C67, C68,C69,C70,C73,C75,C76,C77,C78,C79,C81,C82,C83,C97,C113,C121,C12 2,C125,C128,C131,C134 C80,C88,C89,C90,C91,C93,C94,C95,C96,C98,C99,C100,C101,C102,C103,C 104,C105,C106,C107,C108,C109,C110,C114,C115,C116,C117,C118,C119, C120,C123,C124,C126,C127,C129,C130,C132,C135,C136,C137,C353,C440 C441	
41	IDIVVU33000109800000	CHIP CAPACITOR	CAP_1uF_6.3V_10%	Ceramic Capacitor SMD 10x05mm_1uF	16	SMD_1005	ANY	C5,C10,C15,C20,C26,C32,C37,C39,C41,C54,C59,C65,C71,C74,C111,C112,C 133,C138,C139,C140,C148 C42,C45,C51,C146,C152,C175,C180,C256,C260,C304,C350,C352,C354 C437,C493,C743 C298,C302,C303,C305,C306,C307,C312,C316,C325,C330,C333,C348, C349 C177,C178,C179,C261,C293,C294,C313,C314,C345,C376,C377,C404,C405, C498 C319,C320,C321,C324,C326,C327,C328,C329,C331,C332,C335,C336, C337,C338,C346 C292,C315,C357,C360,C361,C374,C402 R1,R3,R4,R5,R6,R7,R8,R9,R10,R11,R12,R13,R14,R15,R16,R17,R18,R19,R20,R21,R22,R23,R24,R25,R26,R27,R28,R29,R30,R31,R32,R33,R34,R35,R36,R37,R38,R39,R40,R41,R42,R43,R44,R45,R46,R47,R48,R49,R50,R51,R52,R53,R54,R55,R56,R57,R58,R59,R60,R61,R62,R63,R64,R65,R66,R67,R68,R69,R70,R71,R72,R73,R74,R75,R76,R77,R78,R79,R80,R81,R82,R83,R84,R85,R86,R87,R88,R89,R90,R91,R92,R93,R94,R95,R96,R97,R98,R99,R100	
42	HDW3003300010520000	CHIP CAPACITOR	CAP_4.7uF_10V_10%	Ceramic Capacitor SMD 16x08mm_4.7uF	13	SMD_1608	ANY	C437,C493,C743 C298,C302,C303,C305,C306,C307,C312,C316,C325,C330,C333,C348, C349 C177,C178,C179,C261,C293,C294,C313,C314,C345,C376,C377,C404,C405, C498 C319,C320,C321,C324,C326,C327,C328,C329,C331,C332,C335,C336, C337,C338,C346 C292,C315,C357,C360,C361,C374,C402 R1,R3,R4,R5,R6,R7,R8,R9,R10,R11,R12,R13,R14,R15,R16,R17,R18,R19,R20,R21,R22,R23,R24,R25,R26,R27,R28,R29,R30,R31,R32,R33,R34,R35,R36,R37,R38,R39,R40,R41,R42,R43,R44,R45,R46,R47,R48,R49,R50,R51,R52,R53,R54,R55,R56,R57,R58,R59,R60,R61,R62,R63,R64,R65,R66,R67,R68,R69,R70,R71,R72,R73,R74,R75,R76,R77,R78,R79,R80,R81,R82,R83,R84,R85,R86,R87,R88,R89,R90,R91,R92,R93,R94,R95,R96,R97,R98,R99,R100	
43	IDRVU33000110000000	CHIP CAPACITOR	CAP_10uF_10V_20%	Ceramic Capacitor SMD 16x08mm_10uF	14	SMD_1608	ANY	C177,C178,C179,C261,C293,C294,C313,C314,C345,C376,C377,C404,C405, C498 C319,C320,C321,C324,C326,C327,C328,C329,C331,C332,C335,C336, C337,C338,C346 C292,C315,C357,C360,C361,C374,C402 R1,R3,R4,R5,R6,R7,R8,R9,R10,R11,R12,R13,R14,R15,R16,R17,R18,R19,R20,R21,R22,R23,R24,R25,R26,R27,R28,R29,R30,R31,R32,R33,R34,R35,R36,R37,R38,R39,R40,R41,R42,R43,R44,R45,R46,R47,R48,R49,R50,R51,R52,R53,R	

73	ITW100330010830000	CONNECTOR	PJ-325D(SJ3510-5P), PJ-325	PHONE JACK, 3.5PIE JACK RATING 30V 0.5A	1	PJ-325D 3.5PIE JACK	ANY	J13	
74	ITW100330010630000	CONNECTOR	DC JACK,DC08050-AH(DC-085), DC-085-2.1	DC Power Jack 2.0 PIE, DC 20V 2.5A	1	2.0 PIE DC JACK	BSUN ELECTRONIC	J11	
75	ITW100330011590000	TACT SWITCH	STM142NS, 11095S	TACT SWITCH DC 12V 50mA	1	sw_spst_pb_4p5x4p5_sm		SW4	
76	HDW300330010910000	HEADER PIN	2211S-04G-KT	HEADER PIN 1X4, 2.54MM PITCH	1	HEADER 1X4, 2.54PITCH	ANY	J6	
77	HDW300330010900000	HEADER PIN	2211S-05G-KT	HEADER PIN 1X5, 2.54MM PITCH	1	HEADER 1X5 2.54PITCH	ANY	J21	
78	ITW100330010040000	HEADER SOCKET	2214S-10G-85	HEADER SOCKET 2.54MM PITCH 2X5	1	HEADER SOCKET 2.54 PITCH 2X5	ANY	J12	
79	HMRW300330010020000	PCB	Super Mini RX Main	FR-4, 12Layer, Gold plated, impedance matching	1		EVERTEK		

Chip capacitor & ETC	NC (PCB 자리만 있고 실제 Part 없음)	35			C259,C299,C317,C385,C409,R87,R172,C318,R336,R447,C351,R54,R441,R516,R519,R521,R524,R525,R526,R527,R528,R529,R530,R531,R583,R659,R62,R64,R89,R457,R580,R585,R586,R587,R315	수량변경 37→36→35
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HDFLOW3 SUPER MINI RX FRONT BOM

DOC. Date 2014. 12. 23

DOC. Revision No. Ver. 0.0

No.	ERP CODE	Part Name	Part No.	Description	Q'ty	Package	Manufacturer	Reference	Remark
1	ITW100330011520000	LED	LED_BLUE	LED ULTRA-BRIGHT BLUE SMT 1608	1	SMD_1608	LITEON	D1	
2	ITW100330011530000	LED	LED_GREEN	LED ULTRA-BRIGHT GREEN SMT 1608	1	SMD_1608	LITEON	D2	
3	HDW300330010500000	CHIP CAPACITOR	CAP_1uF_6.3V_10%	Ceramic Capacitor SMD 10x05mm_1uF	4	SMD_1005	ANY	C2,C3,C4,C5	
4	IDIVHD330010140000	CHIP CAPACITOR	CAP_22uF_10V_20%	Ceramic Capacitor SMD 16x08mm_22uF	1	SMD_1608	ANY	C1	
5	HDW300330010550000	CHIP RESISTOR	RES_5Ω	Resistor SMD 10x05mm_5Ω	2	SMD_1005	ANY	R5,R6	
6	HDW300330010970000	CHIP RESISTOR	RES_1.6kΩ	Resistor SMD 10x05mm_1.6kΩ	2	SMD_1005	ANY	R1,R2	
7	ITW100330011160000	CHIP RESISTOR	RES_4.7kΩ	Resistor SMD 10x05mm_4.7kΩ	2	SMD_1005	ANY	R3,R4	
8	ITW100330011510000	HEADER PIN	2213R-10G-U TYPE	HEADER PIN 2.54MM PITCH 2X5, Right angle	1	HEADER PIN 2.54 PITCH 2X5	ANY	J1	
9	HDW300330010990000	IR Flasher	IRM-3600W, ROM-WT138TM2(N)	IR Receiver	1		EVERLIGHT	IR2	
10	ITW100330011590000	TACT SWITCH	STM142NS, 11095S	TACT SWITCH DC 12V 50mA	1	sw_spst_pb_4p5x4p5_sm		SW1	
11	HMW300330010040000	PCB	Super Mini RX Front	FR-4,2Layer,OSP	1		EVERTEK		