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|------------|--|---------------------------|--|------------|
| 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 |

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| 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 |
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| 4. | Resistor Packs (R.P.) | | | |
| S/N | Item description | Package | Reference | Qty |
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| 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 |

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| 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 |

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| 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 |
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| 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 |

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| 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 Transmitter BOM

| DOC. Date | | 2014. 12. 25 | | | | | | | | |
|-------------------|---------------------|----------------------|--|--|------|---|-------------------|---|--|--------|
| DOC. Revision No. | | Ver. 1.0 | | | | | | | | |
| No. | ERP CODE | Part Name | Part No. | Description | Q'ty | Package | Manufacturer | Reference | | Remark |
| 1 | HDW300330010010000 | IC | MCIMX6U5DVM10AC | IC MCU MX6DUAL LITE ARM CORTEX-A9 FBGA624 | 1 | BGA624_0P8_21X21 | FREESCALE | U1 | | |
| 2 | HDW300330010020000 | IC | MT41K128M16JT-125;K | IC MEM DDR3 SDRAM 2Gb 128MX16 1.35V FBGA96 | 4 | BGA96_0p8_8p15x14p15 | MICRON | U2,U3,U4,U5 | | |
| 3 | HDW300330010030000 | IC | S09WTDU2-8GMYTCR6GACAAAAM-1M WT) | IC INAND MEM FLASH 8GB 2.7-3.6V TFBGA153 | 1 | BGA153_0p5_11.5x13 | SANDISK | U6 | | |
| 4 | HDW300330010040000 | IC | M25P32-VMM6TG(N25Q032A13E5E40) | IC MEM SERIAL FLASH 32MBIT 2.7-3.6V SO8W | 1 | SO8WST | MICRON | U7 | | |
| 5 | HDW300330010050000 | IC | AR8031-AL1A | IC XCVR ETHERNET PHY 10/100/1000G-BIT 3.3V QFN48 | 1 | QFN48_0p4_6x6mm_epad | ATHEROS | U8 | | |
| 6 | HDW300330010060000 | IC | NC7SP125P5X | IC BUF TS 0.9-3.6V | 1 | SC70-5_A | FAIRCHILD | U43 | | |
| 7 | HDW300330010070000 | IC | NST3904DXV6T1G | DUAL GENERAL PURPOSE TR SOT-563 | 3 | SOT-563 | ONSEMI | U12,U23,U28 | | |
| 8 | HDW300330010080000 | IC | C55340-CZZ | MULTI BIT AUDIO A/D CONVERTER, 192KHz | 1 | TSSOP-16 | CIRRUS LOGIC | U18 | | |
| 9 | HDW300330010110000 | IC | BR24L02F-WE2 | EEPROM 2KBIT, I2C BUS | 1 | SOP-8 | ROHM | U19 | | |
| 10 | IDIVVU3300101100000 | IC | EUP3476DIR1 | DCDC, 3A, 28V, 500KHZ | 4 | SOP-8 | EUTECH | U25,U27,U33,U37 | | |
| 11 | HDW300330010130000 | IC | MMPF0100F0AEP | IC POWER MANAGEMENT CONSUMER/INDUSTRIAL QFN56 | 1 | QFN56_0P5_8X8_EP4P5 | FREESCALE | U26 | | |
| 12 | HDW300330010140000 | IC | FDC6321C_NL | MOSFET,DUAL N & P CHANNEL, SOT6 ROHS | 1 | SOT23-6 | FAIRCHILD | U29 | | |
| 13 | ITW100330010160000 | IC | ADV7441ABSTZ-170 | MULTI FORMAT SCALER | 1 | LQFP-144 | ANALOG DEVICE | U44 | | |
| 14 | HDW300330010170000 | IC | TS3DV621 | SWITCH TYPE : 2:1 or 1:2, 3~3.6V, 2.2GHz | 1 | 42-PIN QFN Package (6x3.5mmx0.5mm Pitch | TEXAS INSTRUMENTS | U45 | | |
| 15 | HDW300330010180000 | IC | EP9142 | 1 to 2, HDMI SPLITTER | 1 | 64-PIN LQFP with exposed pad | Explorer | U46 | | |
| 16 | HDW300330010200000 | IC | EPF025A | 8-bit MCU 4.25KB RAM | 1 | 64-pin LQFP | Explorer | U47 | | |
| 17 | HDW300330010210000 | IC | RIEX24008A-Y | EEPROM | 1 | SOP-8 | Renesas | U32 | | |
| 18 | IDIVVU3300101400000 | TVS ARRAY | RClamp0524P | ULTRA LOW CAPACITANCE TVS ARRAY RATED VOLTAGE 15V | 12 | RCLAMP0524J | SEMTECH | U10,U11,U13,U14,U15,U16,U20,U21,U22,U24,U30,U31 | | |
| 19 | IDIVVU3300101900000 | TVS ARRAY | GBLCC24C-LF-T7 | ULTRA LOW CAPACITANCE TVS ARRAY RATED VOLTAGE 24V | 1 | SOD-323 | PROTEK DEVICE | D12 | | |
| 20 | HDW300330010220000 | TVS ARRAY | GBLCC05C-LF-T7 | ULTRA LOW CAPACITANCE TVS ARRAY RATED VOLTAGE 0.5V | 3 | SOD-323 | PROTEK DEVICE | D2,D14,D15 | | |
| 21 | HDW300330010230000 | VARISTOR | AVLC14502050 | VDC 14V, V 14-24V, Cp 50PF, 1005 | 2 | SMD_1005 | AMOTECH | VR5,VR6 | | |
| 22 | IDIVVU3300101800000 | VARISTOR | AVR-M2012C390K | VDC 39V, V 35-43V, Cp 430PF, 2012 | 1 | SMD_2012 | TDK | VR7 | | |
| 23 | HDW300330010260000 | SCHOTTKY DIODE | NSR0320MMW2T1G | DIODE SCH PWR RECT LOW VF 1A 20V SOD323 | 3 | SOD-323 | ONSEMI | D1,D16,D17 | | |
| 24 | ITW100330010250000 | ZENER DIODE | BZT52-C3V3 | ZENER VOLTAGE RANGE 3.3V SOD123 | 2 | SOD-123 | DIODES | D7,D8 | | |
| 25 | HDW300330010250000 | SCHOTTKY DIODE | MBR140SFT1G | DIODE SCH PWR RECT 1A 40V SOD123 | 1 | SOD-123 | ONSEMI | D9 | | |
| 26 | HDW300330010260000 | SCHOTTKY DIODE(DUAL) | BAT54CLT1G | DIODE SCH DUAL CC 200MA 30V SOT23 | 2 | SOT-23 | ONSEMI | D10,D13 | | |
| 27 | HDW300330010270000 | SCHOTTKY DIODE | RB050L-40(SS34A) | DIODE SCH PWR RECT 3A 40V SOD106 | 1 | SOD-106 | ROHM | D11 | | |
| 28 | ITW100330010210000 | FERRITE BEAD | HH-1T2012-121J | Ferrite BEAD 20x12mm_120Q_100MHz_3A | 1 | SMD_2012 | CERATECH | FB4 | | |
| 29 | HDW300330010210000 | FERRITE BEAD | BLM18PG6121SH1 | Ferrite BEAD 1.6x0.8MM_120Q_100MHz_3A | 1 | SMD_1608 | TDK | L2 | | |
| 30 | HDW300330010290000 | POWER INDUCTOR | 4.7uH/VLS3012T-4R7M1R0 | POWER COIL, 3X3X1.2MM, 4.7UH | 1 | SMD_3030 | MURATA | L1 | | |
| 31 | IDIVVU3300103000000 | POWER INDUCTOR | SHP0735P-F6R8A | POWER COIL, 7X7X3.5MM, 6.8UH | 3 | SMD_7070 | TOKYO COIL | L3,L4,L12 | | |
| 32 | HDW300330010310000 | POWER INDUCTOR | LPS5015-102MRC | POWER COIL, 5X5X1.5MM, 1.0UH | 2 | SMD_5050 | COILCRAFT | L5,L6 | | |
| 33 | HDW300330010330000 | POWER INDUCTOR | 1uH/VLS252010T-1R0N | POWER COIL, 2.5X2.0X1MM, 1.0UH | 3 | SMD_2520 | TDK | L7,L8,L9 | | |
| 34 | HDW300330010310000 | POWER INDUCTOR | LPS4018-222MRC | POWER COIL, 4X4X1.8MM, 2.2UH | 1 | SMD_4040 | COILCRAFT | L10 | | |
| 35 | HDW300330010320000 | POWER INDUCTOR | SHP0735P-F4R7A | POWER COIL, 7X7X3.5MM, 4.7UH | 1 | SMD_7070 | TOKYO COIL | L15 | | |
| 36 | HDW300330010330000 | LDO | RP114N331D-TR-FE | 300mA LDO Regulator | 1 | SOT-23-5 | RICOH | U17 | | |
| 37 | IDGAMN3300100600000 | FET | LP3415ELT1G;(FTK3415) | 20V P CHANNEL MOSFET SOT23 | 2 | SOT-23 | LRC(Frist Silcon) | Q1,Q3 | | |
| 38 | IDGAMN3300100700000 | TR | DTC114YUA | NPN TRANSISTOR SOT323 | 4 | SOT-323 | RECTRON(ROHM) | Q2,Q4,Q5,Q6 | | |
| 39 | HDW300330010340000 | TR | MMBT3904LT1G | NPN TRANSISTOR SOT-23 | 1 | SOT-23 | ONSEMI | Q7 | | |
| 40 | HDW300330010360000 | SWITCH | FSA2259UMX | VIDEO/AUDIO DUAL SWITCH ZINPUT 1OUTPUT | 2 | UMLP-10, 1.4X1.8mm | FAIRCHILD | SW2,SW3 | | |
| 41 | IDGAMN3300100500000 | CRYSTAL | 3010-24.000-18, 24.000MHz(+/-10ppm,18pf) | XTAL 24MHZ (+/-10ppm,18pf) SMD 3.2X2.5MM | 2 | SMD_3225 | ITTI(일신) | Y1,Y5 | | |
| 42 | HDW300330010370000 | CRYSTAL | FC-135, 32.768KHZ | XTAL 32.768KHZ 12.5PF 20PPM 3.2X1.5MM SMT | 1 | SMD_3215 | SEIKO EPSON | Y2 | | |
| 43 | HDW300330010380000 | CRYSTAL | 3010-25.000-22, 25.000MHz(+/-10ppm,22pf) | XTAL 25MHZ (+/-10ppm,22pf) SMD 3.2X2.5MM | 1 | SMD_3225 | ITTI(일신) | Y3 | | |
| 44 | HDW300330010390000 | CRYSTAL | CS325S-28.6363MHz_10ppm | 28.6363MHz_10ppm_22PF | 1 | SMD 3225 | CITIZEN(일신) | Y4 | | |
| 45 | HDW300330010400000 | ARRAY RESISTOR | MNR15E0RP1103/10K | RNET BUS 8 10K 1/32W 5% SMT | 4 | RCA_8_10 | ROHM | RN1,RN2,RN3,RN4 | | |
| 46 | IDIVVU3300108200000 | CHIP CAPACITOR | CAP_18pf_50V_1% | Ceramic Capacitor SMD 10x05mm_18pf | 6 | SMD_1005 | ANY | C84,C85,C86,C87,C257,C258 | | |
| 47 | ITW100330010330000 | CHIP CAPACITOR | CAP_22pf_50V_5% | Ceramic Capacitor SMD 10x05mm_22pf | 4 | SMD_1005 | ANY | C173,C174,C460,C461 | | |
| 48 | IDIVVU3300108400000 | CHIP CAPACITOR | CAP_47pf_50V_5% | Ceramic Capacitor SMD 10x05mm_47pf | 2 | SMD_1005 | ANY | C205,C206 | | |
| 49 | ITW100330010310000 | CHIP CAPACITOR | CAP_1nf_16V_10% | Ceramic Capacitor SMD 10x05mm_1nf | 1 | SMD_1005 | ANY | C445 | | |
| 50 | IDIVVU3300109000000 | CHIP CAPACITOR | CAP_2.2nf_16V_10% | Ceramic Capacitor SMD 10x05mm_2.2nf | 3 | SMD_1005 | ANY | C300,C386,C407 | | |
| 51 | ITW100330010350000 | CHIP CAPACITOR | CAP_8.2nf_50V_10% | Ceramic Capacitor SMD 10x05mm_8.2nf | 1 | SMD_1005 | ANY | C466 | | |
| 52 | HDW300330010450000 | CHIP CAPACITOR | CAP_10nf_10V_10% | Ceramic Capacitor SMD 06x03mm_10nf | 1 | SMD_0603 | ANY | C43 | | |
| 53 | ITW100330010270000 | CHIP CAPACITOR | CAP_10nf_16V_10% | Ceramic Capacitor SMD 10x05mm_10nf | 17 | SMD_1005 | ANY | C191,C290,C311,C371,C401,C453,C454,C457,C464,C468,C469, | | |
| 54 | IDIVVU3300109300000 | CHIP CAPACITOR | CAP_22nf_50V_10% | Ceramic Capacitor SMD 10x05mm_22nf | 3 | SMD_1005 | ANY | C203,C204,R567 | | |
| 55 | ITW100330010360000 | CHIP CAPACITOR | CAP_82nf_25V_10% | Ceramic Capacitor SMD 10x05mm_82nf | 2 | SMD_1005 | ANY | C465,C475 | | |
| 56 | IDIVVU3300109700000 | CHIP CAPACITOR | CAP_470nf_25V_10% | Ceramic Capacitor SMD 10x05mm_470nf | 8 | SMD_1005 | ANY | C291,C295,C296,C301,C309,C322,C381,C406 | | |
| 57 | HDW300330010480000 | CHIP CAPACITOR | CAP_0.1uf_10V | Ceramic Capacitor SMD 06x03mm_0.1uf | 6 | SMD_0603 | ANY | C141,C142,C143,C144,C145,C149 | | |
| 58 | ITW100330010280000 | CHIP CAPACITOR | CAP_0.1uf_10V_10% | Ceramic Capacitor SMD 10x05mm_0.1uf | 99 | SMD_1005 | ANY | C92,C147,C153,C155,C157,C160,C161,C162,C163,C165,C166,C169,C176,C181,C182,C183,C184,C185,C189,C193,C195,C199,C202,C207,C210,C211,C213,C214,C215,C216,C217,C218,C219,C220,C223,C224,C225,C226,C227,C228,C233,C234,C236,C237,C238,C240,C242,C243,C244,C246,C248,C250,C252,C253,C262,C263,C264,C265,C266,C297,C308,C310,C323,C334,C339,C340,C341,C342,C343,C344,C347,C382,C408,C438,C439,C446,C447,C448,C449,C455,C456,C458,C459,C462,C463,C467,C471,C72,C73,C74,C76,C77,C78,C79,C81,C82,C83,C97,C113,C121,C122,C125,C128,C131,C134,C254,C255, | | |
| 59 | HDW300330010490000 | CHIP CAPACITOR | CAP_0.22uf_6.3V_10% | Ceramic Capacitor SMD 06x03mm_0.22uf | 72 | SMD_0603 | ANY | C80,C88,C89,C90,C91,C93,C94,C95,C96,C98,C99,C100,C101,C102,C103,C104,C105,C106,C107,C108,C109,C110,C114,C115,C116,C117,C118,C119,C120,C123,C124,C126,C127,C129,C130,C132,C135,C136,C137,C353 | | |
| 60 | IDIVVU3300109600000 | CHIP CAPACITOR | CAP_0.22uf_16V_10% | Ceramic Capacitor SMD 10x05mm_0.22uf | 40 | SMD_1005 | ANY | C5,C10,C15,C20,C26,C32,C37,C39,C41,C54,C59,C65,C71,C74,C111,C112,C133,C138,C139,C140,C148 | | |
| 61 | HDW300330010500000 | CHIP CAPACITOR | CAP_1uf_6.3V_10% | Ceramic Capacitor SMD 06x03mm_1uf | 21 | SMD_0603 | ANY | C42,C45,C51,C72,C146,C152,C154,C156,C158,C159,C175,C180,C190,C192,C194,C196,C197,C198,C200,C201,C212,C231,C232,C256,C260,C304,C350,C352,C354,C437,C440,C441,C442,C443,C444,C450,C451,C452 | | |
| 62 | IDIVVU3300109800000 | CHIP CAPACITOR | CAP_1uf_6.3V_10% | Ceramic Capacitor SMD 10x05mm_1uf | 38 | SMD_1005 | ANY | C298,C302,C303,C305,C306,C307,C312,C316,C325,C330,C333,C348,C349 | | |
| 63 | HDW300330010520000 | CHIP CAPACITOR | CAP_4.7uf_10V_10% | Ceramic Capacitor SMD 16x08mm_4.7uf | 13 | SMD_1608 | ANY | C164,C177,C178,C179,C235,C239,C241,C245,C247,C249,C251, | | |
| 64 | IDIVVU3300110000000 | CHIP CAPACITOR | CAP_10uf_10V_20% | Ceramic Capacitor SMD 16x08mm_10uf | 24 | SMD_1608 | ANY | C261,C293,C294,C313,C314,C345,C376,C377,C404,C405,C47,C319,C320,C321,C324,C326,C327,C328,C329,C331,C332,C335,C336,C337,C338,C346 | | |
| 65 | IDIVHD3300101400000 | CHIP CAPACITOR | CAP_22uf_10V_20% | Ceramic Capacitor SMD 16x08mm_22uf | 15 | SMD_1608 | ANY | C292,C315,C357,C360,C361,C374,C402 | | |
| 66 | HDW300330010530000 | CHIP CAPACITOR | CAP_22uf_16V_20% | Ceramic Capacitor SMD 32x25mm_22uf | 7 | SMD_3225 | ANY | | | |

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|-----|--------------------|---------------|--|---|-----|------------------------------|-----------------|---|
| 67 | ITW100330010840000 | CHIP RESISTOR | RES_0Ω | Resistor SMD 10x05mm_0Ω | 125 | SMD_1005 | ANY | R1,R3,R4,R5,F85,R6,F86,R7,F87,R8,F88,F89,FB10,FB11,FB12,FB13,FB14,R14,R15,FB15,FB16,FB17,FB18,FB19,R56,R58,R59,R60,R61,R63,R73,R74,R75,R76,R80,R81,R118,R119,R120,R121,R122,R123,R173,R201,R202,R203,R204,R221,R224,R232,R241,R242,R243,R257,R303,R304,R309,R320,R321,R322,R323,R324,R325,R326,R330,R334,R335,R438,R443,R444,R449,R450,R451,R452,R453,R463,R464,R466,R468,R469,R515,R569,R571,R572,R573,R576,R577,R579,R617,R622,R623,R625,R627,R630,R631,R633,R635,R637,R638,R639,R640,R641,R642,R643,R644,R645,R647,R648,R650,R652,R663,R664,R666,R667,R805,R807,R255,R256 |
| 68 | HDW300330010550000 | CHIP RESISTOR | RES_5Ω | Resistor SMD 10x05mm_5Ω | 2 | SMD_1005 | ANY | R568 |
| 69 | ITW100330010850000 | CHIP RESISTOR | RES_10Ω | Resistor SMD 10x05mm_10Ω | 1 | SMD_1005 | ANY | R155,R593,R594,R595,R603,R605 |
| 70 | ITW100330010860000 | CHIP RESISTOR | RES_22Ω | Resistor SMD 10x05mm_22Ω | 6 | SMD_1005 | ANY | R258,R259,R260,R277,R278,R305,R312,R332,R333,R591,R604,R606,R607,R608,R609,R610,R611,R612,R613,R614,R615,R616,R618,R619,R620,R621,R626,R628,R629,R654,R657 |
| 71 | ITW100330010870000 | CHIP RESISTOR | RES_33Ω | Resistor SMD 10x05mm_33Ω | 31 | SMD_1005 | ANY | R600 |
| 72 | ITW100330010890000 | CHIP RESISTOR | RES_39Ω | Resistor SMD 10x05mm_39Ω | 1 | SMD_1005 | ANY | R190,R191 |
| 73 | HDW300330010560000 | CHIP RESISTOR | RES_50Ω_1% | Resistor SMD 10x05mm_50Ω_1% | 2 | SMD_1005 | ANY | R588,R589,R590 |
| 74 | ITW100330010910000 | CHIP RESISTOR | RES_51Ω | Resistor SMD 10x05mm_51Ω | 3 | SMD_1005 | ANY | R649,R651 |
| 75 | ITW100330010940000 | CHIP RESISTOR | RES_100Ω | Resistor SMD 10x05mm_100Ω | 2 | SMD_1005 | ANY | R55 |
| 76 | HDW300330010570000 | CHIP RESISTOR | RES_191Ω_1% | Resistor SMD 10x05mm_191Ω_1% | 1 | SMD_1005 | ANY | R66,R67,R68 |
| 77 | HDW300330010580000 | CHIP RESISTOR | RES_200Ω_1% | Resistor SMD 10x05mm_200Ω_1% | 3 | SMD_1005 | ANY | R69,R70,R77,R78,R79 |
| 78 | HDW300330010590000 | CHIP RESISTOR | RES_240Ω_1% | Resistor SMD 10x05mm_240Ω_1% | 5 | SMD_1005 | ANY | R133,R146,R152 |
| 79 | HDW300330010600000 | CHIP RESISTOR | RES_270Ω | Resistor SMD 10x05mm_270Ω | 3 | SMD_1005 | ANY | R297,R298 |
| 80 | HDW300330010620000 | CHIP RESISTOR | RES_357Ω | Resistor SMD 10x05mm_357Ω | 2 | SMD_1005 | ANY | R301 |
| 81 | HDW300330010630000 | CHIP RESISTOR | RES_470Ω | Resistor SMD 10x05mm_470Ω | 1 | SMD_1005 | ANY | R254,R282,R283,R284,R285,R286,R289,R290,R291,R292,R293,R294 |
| 82 | ITW100330010990000 | CHIP RESISTOR | RES_499Ω | Resistor SMD 10x05mm_499Ω | 12 | SMD_1005 | ANY | R653 |
| 83 | HDW300330010650000 | CHIP RESISTOR | RES_500Ω | Resistor SMD 10x05mm_500Ω | 1 | SMD_1005 | ANY | R599,R602 |
| 84 | HDW300330010680000 | CHIP RESISTOR | RES_750Ω | Resistor SMD 10x05mm_750Ω | 2 | SMD_1005 | ANY | R184,R186,R188,R245,R247,R460,R496,R499,R517,R518,R520,R522,R523,R574,R592,R596,R597,R655 |
| 85 | ITW100330011100000 | CHIP RESISTOR | RES_1kΩ | Resistor SMD 10x05mm_1kΩ | 18 | SMD_1005 | ANY | R33 |
| 86 | ITW100330011010000 | CHIP RESISTOR | RES_1.5kΩ | Resistor SMD 10x05mm_1.5kΩ | 2 | SMD_1005 | ANY | R624 |
| 87 | HDW300330010710000 | CHIP RESISTOR | RES_1.6kΩ_1% | Resistor SMD 10x05mm_1.6kΩ_1% | 1 | SMD_1005 | ANY | R233 |
| 88 | ITW100330011020000 | CHIP RESISTOR | RES_1.69kΩ | Resistor SMD 10x05mm_1.69kΩ | 1 | SMD_1005 | ANY | R159 |
| 89 | ITW100330011120000 | CHIP RESISTOR | RES_2kΩ | Resistor SMD 10x05mm_2kΩ | 1 | SMD_1005 | ANY | R331 |
| 90 | HDW300330010720000 | CHIP RESISTOR | RES_2.37kΩ_1% | Resistor SMD 10x05mm_2.37kΩ | 1 | SMD_1005 | ANY | 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 |
| 91 | HDW300330010730000 | CHIP RESISTOR | RES_3kΩ | Resistor SMD 10x05mm_3kΩ | 1 | SMD_1005 | ANY | R498 |
| 92 | ITW100330011160000 | CHIP RESISTOR | RES_4.7kΩ | Resistor SMD 10x05mm_4.7kΩ | 77 | SMD_1005 | ANY | R71,R72,R82,R87,R97,R147,R149,R160,R163,R164,R165,R166,R169,R170,R171,R193,R194,R195,R206,R219,R229,R237,R261,R266 |
| 93 | HDW300330010760000 | CHIP RESISTOR | RES_5kΩ | Resistor SMD 10x05mm_5kΩ | 1 | SMD_1005 | ANY | R501 |
| 94 | ITW100330011040000 | CHIP RESISTOR | RES_10kΩ | Resistor SMD 10x05mm_10kΩ | 28 | SMD_1005 | ANY | R440 |
| 95 | HDW300330010770000 | CHIP RESISTOR | RES_12kΩ_1% | Resistor SMD 10x05mm_12kΩ_1% | 1 | SMD_1005 | ANY | R442,R483 |
| 96 | IDIVVU330010630000 | CHIP RESISTOR | RES_13kΩ_1% | Resistor SMD 10x05mm_13kΩ_1% | 1 | SMD_1005 | ANY | R497 |
| 97 | HDW300330010780000 | CHIP RESISTOR | RES_15kΩ | Resistor SMD 10x05mm_15kΩ | 2 | SMD_1005 | ANY | R485 |
| 98 | IDIVVU330010650000 | CHIP RESISTOR | RES_15kΩ_1% | Resistor SMD 10x05mm_15kΩ_1% | 1 | SMD_1005 | ANY | R313 |
| 99 | HDW300330010790000 | CHIP RESISTOR | RES_18kΩ_1% | Resistor SMD 10x05mm_18kΩ_1% | 1 | SMD_1005 | ANY | R479 |
| 100 | ITW100330011170000 | CHIP RESISTOR | RES_47kΩ | Resistor SMD 10x05mm_47kΩ | 1 | SMD_1005 | ANY | R22,R27,R462,R467 |
| 101 | HDW300330010810000 | CHIP RESISTOR | RES_56kΩ_1% | Resistor SMD 10x05mm_56kΩ_1% | 1 | SMD_1005 | ANY | R439 |
| 102 | HDW300330010820000 | CHIP RESISTOR | RES_68kΩ | Resistor SMD 10x05mm_68kΩ | 4 | SMD_1005 | ANY | R248,R249,R437,R445 |
| 103 | IDIVVU330010750000 | CHIP RESISTOR | RES_68kΩ_1% | Resistor SMD 10x05mm_68kΩ_1% | 1 | SMD_1005 | ANY | R85,R461,R465 |
| 104 | ITW100330011030000 | CHIP RESISTOR | RES_100kΩ | Resistor SMD 10x05mm_100kΩ | 4 | SMD_1005 | ANY | R65 |
| 105 | HDW300330010830000 | CHIP RESISTOR | RES_200kΩ | Resistor SMD 10x05mm_200kΩ | 3 | SMD_1005 | ANY | R90 |
| 106 | HDW300330010840000 | CHIP RESISTOR | RES_2.2MΩ | Resistor SMD 10x05mm_2.2MΩ | 1 | SMD_1005 | ANY | J1 |
| 107 | HDW300330010850000 | CHIP RESISTOR | RES_10MΩ | Resistor SMD 10x05mm_10MΩ | 1 | SMD_1005 | ANY | J3 |
| 108 | HDW300330010870000 | CONNECTOR | 5075AUR-04-WH-57, LK-A-016 | USB AF FALL SIDE UP | 1 | USB SIDE UP | | J4 |
| 109 | HDW300330010880000 | CONNECTOR | GRUS-51108, WT-51108 | GIGABIT MAGIACK(8CORE, VERTICAL) | 1 | con_rj45_2x5_th | HDC | J7,J14 |
| 110 | HDW300330010890000 | CONNECTOR | WT-MINIPCE3230-00340, MINI PCI-ES2P H4.0 | MINI PCI EXPRESS CONN. 0.8MM PITCH | 1 | con_2x26_0p8_smt_a | WINTOP | J9,J13 |
| 111 | ITW100330010800000 | CONNECTOR | 51E0385-ON2030PM04 | DUAL HDMI STACKED THROUGH HOLE TYPE | 2 | 51E DUAL HDMI | GANA | J10 |
| 112 | ITW100330010830000 | CONNECTOR | PJ-325D(SJ3510-SP), PJ-325 | PHONE JACK, 3.5PIE JACK RATING 30V 0.5A | 2 | PJ-325D 3.5PIE JACK | ANY | J11 |
| 113 | ITW100330010600000 | CONNECTOR | D-SUB-15 Connectors, R/A, Female | D-SUB-15 Connectors, R/A, Female | 1 | DBF-15-R-1.145 | WINTOP | J12 |
| 114 | ITW100330010630000 | CONNECTOR | DC JACK,DC0050-AHDC-005), DC-005-2.1 | DC Power Jack 2.0 PIE, DC 20V 2.5A | 1 | 2.0 PIE DC JACK | BSUN ELECTRONIC | SW4 |
| 115 | ITW100330011590000 | TACT SWITCH | STM142NS, 11095S | TACT SWITCH DC 12V 50mA | 1 | sw_spst_pb_4p5x4p5_sm | GANA | J6 |
| 116 | HDW300330010910000 | HEADER PIN | 22115-04G-KT | HEADER PIN 1X4, 2.54MM PITCH | 1 | HEADER 1X4, 2.54PITCH | ANY | J16 |
| 117 | HDW300330010900000 | HEADER PIN | 22115-05G-KT | HEADER PIN 1X5, 2.54MM PITCH | 1 | HEADER 1X5, 2.54PITCH | ANY | J12 |
| 118 | HDW300330010920000 | HEADER SOCKET | 22145-12G-85 | HEADER SOCKET 2.54MM PITCH 2X6 | 1 | HEADER SOCKET 2.54 PITCH 2X6 | ANY | |
| 119 | HDW300330010010000 | PCB | FULL SET TX Main | FR-4, 8Layer, Gold plated, impedance matching | 1 | | EVERTEK | |

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| Chip capacitor & ETC | NC (PCB 자리만 있고 실제 Part 없음) | 85 | C107,C108,C109,C110,C111,C112,C113,C114,C115,C116,C117,C118,C119,C120,C121,C122,C123,C124,C125,C126,C127,C128,C129,C130,C131,C132,C133,C134,C135,C136,C137,C138,C139,C140,C141,C142,C143,C144,C145,C146,C147,C148,C149,C150,C151,C152,C153,C154,C155,C156,C157,C158,C159,C160,C161,C162,C163,C164,C165,C166,C167,C168,C169,C170,C171,C172,C173,C174,C175,C176,C177,C178,C179,C180,C181,C182,C183,C184,C185,C186,C187,C188,C189,C190,C191,C192,C193,C194,C195,C196,C197,C198,C199,C200,C201,C202,C203,C204,C205,C206,C207,C208,C209,C210,C211,C212,C213,C214,C215,C216,C217,C218,C219,C220,C221,C222,C223,C224,C225,C226,C227,C228,C229,C230,C231,C232,C233,C234,C235,C236,C237,C238,C239,C240,C241,C242,C243,C244,C245,C246,C247,C248,C249,C250,C251,C252,C253,C254,C255,C256,C257,C258,C259,C260,C261,C262,C263,C264,C265,C266,C267,C268,C269,C270,C271,C272,C273,C274,C275,C276,C277,C278,C279,C280,C281,C282,C283,C284,C285,C286,C287,C288,C289,C290,C291,C292,C293,C294,C295,C296,C297,C298,C299,C300,C301,C302,C303,C304,C305,C306,C307,C308,C309,C310,C311,C312,C313,C314,C315,C316,C317,C318,C319,C320,C321,C322,C323,C324,C325,C326,C327,C328,C329,C330,C331,C332,C333,C334,C335,C336,C337,C338,C339,C340,C341,C342,C343,C344,C345,C346,C347,C348,C349,C350,C351,C352,C353,C354,C355,C356,C357,C358,C359,C360,C361,C362,C363,C364,C365,C366,C367,C368,C369,C370,C371,C372,C373,C374,C375,C376,C377,C378,C379,C380,C381,C382,C383,C384,C385,C386,C387,C388,C389,C390,C391,C392,C393,C394,C395,C396,C397,C398,C399,C400,C401,C402,C403,C404,C405,C406,C407,C408,C409,C410,C411,C412,C413,C414,C415,C416,C417,C418,C419,C420,C421,C422,C423,C424,C425,C426,C427,C428,C429,C430,C431,C432,C433,C434,C435,C436,C437,C438,C439,C440,C441,C442,C443,C444,C445,C446,C447,C448,C449,C450,C451,C452,C453,C454,C455,C456,C457,C458,C459,C460,C461,C462,C463,C464,C465,C466,C467,C468,C469,C470,C471,C472,C473,C474,C475,C476,C477,C478,C479,C480,C481,C482,C483,C484,C485,C486,C487,C488,C489,C490,C491,C492,C493,C494,C495,C496,C497,C498,C499,C500,C501,C502,C503,C504,C505,C506,C507,C508,C509,C510,C511,C512,C513,C514,C515,C516,C517,C518,C519,C520,C521,C522,C523,C524,C525,C526,C527,C528,C529,C530,C531,C532,C533,C534,C535,C536,C537,C538,C539,C540,C541,C542,C543,C544,C545,C546,C547,C548,C549,C550,C551,C552,C553,C554,C555,C556,C557,C558,C559,C560,C561,C562,C563,C564,C565,C566,C567,C568,C569,C570,C571,C572,C573,C574,C575,C576,C577,C578,C579,C580,C581,C582,C583,C584,C585,C586,C587,C588,C589,C590,C591,C592,C593,C594,C595,C596,C597,C598,C599,C600,C601,C602,C603,C604,C605,C606,C607,C608,C609,C610,C611,C612,C613,C614,C615,C616,C617,C618,C619,C620,C621,C622,C623,C624,C625,C626,C627,C628,C629,C630,C631,C632,C633,C634,C635,C636,C637,C638,C639,C640,C641,C642,C643,C644,C645,C646,C647,C648,C649,C650,C651,C652,C653,C654,C655,C656,C657,C658,C659,C660,C661,C662,C663,C664,C665,C666,C667,C668,C669,C670,C671,C672,C673,C674,C675,C676,C677,C678,C679,C680,C681,C682,C683,C684,C685,C686,C687,C688,C689,C690,C691,C692,C693,C694,C695,C696,C697,C698,C699,C700,C701,C702,C703,C704,C705,C706,C707,C708,C709,C710,C711,C712,C713,C714,C715,C716,C717,C718,C719,C720,C721,C722,C723,C724,C725,C726,C727,C728,C729,C730,C731,C732,C733,C734,C735,C736,C737,C738,C739,C740,C741,C742,C743,C744,C745,C746,C747,C748,C749,C750,C751,C752,C753,C754,C755,C756,C757,C758,C759,C760,C761,C762,C763,C764,C765,C766,C767,C768,C769,C770,C771,C772,C773,C774,C775,C776,C777,C778,C779,C780,C781,C782,C783,C784,C785,C786,C787,C788,C789,C790,C791,C792,C793,C794,C795,C796,C797,C798,C799,C800,C801,C802,C803,C804,C805,C806,C807,C808,C809,C810,C811,C812,C813,C814,C815,C816,C817,C818,C819,C820,C821,C822,C823,C824,C825,C826,C827,C828,C829,C830,C831,C832,C833,C834,C835,C836,C837,C838,C839,C840,C841,C842,C843,C844,C845,C846,C847,C848,C849,C850,C851,C852,C853,C854,C855,C856,C857,C858,C859,C860,C861,C862,C863,C864,C865,C866,C867,C868,C86 |
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HDFLOW3 Transmitter 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 | 2 | SMD_1608 | LITEON | D3,D5 | |
| 2 | ITW100330011530000 | LED | LED_GREEN | LED ULTRA-BRIGHT GREEN SMT 1608 | 2 | SMD_1608 | LITEON | D4,D6 | |
| 3 | ITW100330011540000 | LED | LED_PINK | LED ULTRA-BRIGHT PINK SMT 1608 | 1 | SMD_1608 | LITEON | D7 | |
| 4 | HDW3003300109950000 | LED | LED_ORANGE(LTST-C190KFKT) | LED ULTRA-BRIGHT ORANGE SMT 1608 | 1 | SMD_1608 | LITEON | D8 | |
| 5 | HDW300330010500000 | CHIP CAPACITOR | CAP_1uF_6.3V_10% | Ceramic Capacitor SMD 10x05mm_1uF | 2 | SMD_1005 | ANY | C145,C146 | |
| 6 | IDIVHD3300101400000 | CHIP CAPACITOR | CAP_22uF_10V_20% | Ceramic Capacitor SMD 16x08mm_22uF | 1 | SMD_1608 | ANY | C336 | |
| 7 | HDW300330010550000 | CHIP RESISTOR | RES_5Q | Resistor SMD 10x05mm_5Q | 1 | SMD_1005 | ANY | R124 | |
| 8 | HDW300330010970000 | CHIP RESISTOR | RES_1.6kQ | Resistor SMD 10x05mm_1.6kQ | 6 | SMD_1005 | ANY | R572,R573,R574,R575,R576,R577 | |
| 9 | ITW100330011160000 | CHIP RESISTOR | RES_4.7kQ | Resistor SMD 10x05mm_4.7kQ | 1 | SMD_1005 | ANY | R122 | |
| 10 | HDW300330010980000 | HEADER Pin | 2213R-10G-U TYPE | HEADER Pin 2.54MM PITCH 2X6, Right angle | 1 | HEADER SOCKET 2.54 PITCH 2X6 | ANY | J12 | |
| 11 | HDW300330010990000 | IR Sensor | IRM-3600W, ROM-WT138TM2(N) | 30KHz~56KHz | 1 | 3Pin | EVERLIGHT | IR1 | |
| 12 | ITW100330011590000 | TACT SWITCH | STM142NS, 11095S | TACT SWITCH DC 12V 50mA | 1 | sw_spst_pb_4p5x4p5_sm | | SW4 | |
| 13 | HDW300330010030000 | PCB | FR-4,2Layer | | 1 | | EVERTEK | | |