

CXD5602PWBLM1E BOM List

Sony Semiconductor Solutions

| Qty | Ref | Name | Model | Vender |
|-----|---|--|----------------------------|-------------------------|
| 1 | AT1 | LTE chip antenna | AM11DP-ST01 | Mitsubishi Materials |
| 19 | C1,C15,C16,C18,C19,C2,C20,C21,C22,C23,C29,C3,C4,C41,C52,C54,C6,C7,C8 | Ceramic capacitor 1uF (6.3V X5R 0603) | | Murata |
| 19 | C14,C27,C28,C30,C31,C32,C33,C34,C35,C36,C37,C38,C39,C42,C44,C45,C46,C50,C57 | Ceramic capacitor 0.1uF (16V X5R 0603) | | Murata |
| 2 | C25,C51 | Ceramic capacitor 10uF (10V X5R 1608) | | Murata |
| 1 | C26 | Ceramic capacitor 4700pF (25V X7R 0603) | | Murata |
| 1 | C43 | Ceramic capacitor 3300pF (25V X7R 0603) | | Murata |
| 1 | C55 | Ceramic capacitor 15pF (50V C0G 0603) | | Murata |
| 2 | C56,C58 | Ceramic capacitor 22uF (6.3V X5R 1608) | | Murata |
| 1 | CN1 | USB connector (Micro-B) | UB-MC5BR3-SD204-4S-1 | J.S.T.MFG |
| 1 | CN10 | nano SIM connector | CLE1005-7291F | SMK |
| 1 | CN2 | Pin header (2.54mm pitch/3P) | HSAWW6-S03G-H2.5 | JC Electronics |
| 1 | CN3 | Board-to-Board connector 100P | DF40HC(3.0)-100DS-0.4V(51) | Hirose Electric |
| 1 | CN6 | Pin header (2.54mm pitch/2line/8P) | HSAWW6-D08G-H2.5 | JC Electronics |
| 1 | CN7 | MicroSD card connector | CLE9108-2A08E | SMK |
| 1 | CN9 | Pin header (2.54mm pitch/2line/16P) | HSAWW6-D16G-H2.5 | JC Electronics |
| 1 | CP1 | LTE module | LBAD0XX1SC-475 | Murata |
| 3 | D1,D2,D5 | Schottky diode | CUS15S30 | Toshiba Device |
| 1 | D3 | Orange LED (1005) | SML-D12D8WT86SQ | Rohm |
| 1 | D4 | Green LED (1005) | SML-D12P8WT86SJ | Rohm |
| 1 | IC1 | LDO voltage regulator (3.3V) | TCR3DF33 | Toshiba Device |
| 1 | IC10 | System reset IC | PST8416UL | MinebeaMitsumi |
| 1 | IC12 | DC/DC converter | RP506K001C-TR | Ricoh electronic device |
| 1 | IC13 | Schottky diode | TCK112G | Toshiba Device |
| 1 | IC14 | Quad bus buffer | 74LCX125FT | Toshiba Device |
| 1 | IC2 | LDO voltage regulator (3.3V) | RP122K331D-TR | Ricoh electronic device |
| 1 | IC3 | One gate bus buffer | TC7SZ126AFS | Toshiba Device |
| 1 | IC4 | Headphone amplifier | NJU72040V(TE2) | New Japan Radio |
| 1 | IC5 | SDIO port expander with voltage lever | TXS02612RTWR | Texas Instruments |
| 3 | IC6,IC7,IC9 | 4ch bidirectional voltage level translator | LSF0204RUTR | Texas Instruments |
| 1 | IC8 | 2ch bidirectional voltage level translator | LSF0102DCTR | Texas Instruments |
| 1 | J1 | Headphone jack (4 terminals) | 03-925R0-32BKA | EX Company |
| 1 | J2 | Ultra-small coaxial switch | MS-180 | Hirose Electric |
| 2 | L1,L6 | Chip inductor 6.8nH (1005) | LQG15HS6N8S02D | Murata |

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|----|---|---|--------------------|----------------|
| 1 | L2 | Chip inductor 15nH (1005) | LQG15HS15NJ02D | Murata |
| 1 | L3 | Chip inductor 2.2nH (1005) | LQG15HS2N2S02D | Murata |
| 1 | L4 | Chip inductor 2.7nH (1005) | LQG15HS2N7S02D | Murata |
| 1 | L7 | Chip inductor 4.7nH (2016) | DFE201612E-4R7M=P2 | Murata |
| 1 | Q1 | MOSFET N-ch | SSM6N58NU | Toshiba Device |
| 3 | Q2,Q3,Q4 | Digital transistor (NPN) | DTC044EMT2L | Rohm |
| 6 | R1,R104,R108,R2,R3,R95 | Chip resistor 470K Ω (1/16W 1005 5%) | | |
| 31 | R100,R101,R105,R107,R11,R112,R113,R18,R19,R22,R29,R30,R34,R35,R36,R40,R41,R42,R43,R45,R46,R6,R64,R67,R71,R88,R89,R9,R92,R98,R99 | Chip resistor 0 Ω (1005) | | |
| 1 | R110 | Chip resistor 620K Ω (1/16W 1005 1%) | | |
| 1 | R111 | Chip resistor 110K Ω (1/16W 1005 1%) | | |
| 2 | R13,R15 | Chip resistor 470 Ω (1/16W 1005 1%) | | |
| 2 | R20,R21 | Chip resistor 3.9K Ω (1/16W 1005 1%) | | |
| 3 | R23,R24,R33 | Chip resistor 2.2K Ω (1/16W 1005 5%) | | |
| 6 | R25,R31,R32,R84,R85,R86 | Chip resistor 100K Ω (1/16W 1005 5%) | | |
| 1 | R27 | Chip resistor 330K Ω (1/16W 1005 5%) | | |
| 1 | R28 | Chip resistor 4.7M Ω (1/16W 1005 5%) | | |
| 2 | R37,R38 | Chip resistor 47K Ω (1/16W 1005 5%) | | |
| 3 | R39,R73,R77 | Chip resistor 10K Ω (1/16W 1005 1%) | | |
| 1 | R4 | Chip resistor 100K Ω (1/16W 1005 1%) | | |
| 1 | R5 | Chip resistor 18K Ω (1/16W 1005 1%) | | |
| 2 | R50,R74 | Chip resistor 180K Ω (1/16W 1005 5%) | | |
| 15 | R52,R53,R54,R56,R57,R58,R59,R60,R61,R62,R66,R68,R69,R72,R94 | Chip resistor 1K Ω (1/16W 1005 5%) | | |
| 1 | R55 | Chip resistor 100 Ω (1/16W 1005 5%) | | |
| 1 | R7 | Chip resistor 1M Ω (1/16W 1005 5%) | | |
| 2 | R75,R76 | Chip resistor 27K Ω (1/16W 1005 1%) | | |
| 1 | R93 | Chip resistor 4.7K Ω (1/16W 1005 5%) | | |
| 1 | S1 | Push switch | SKRPADE010 | Alps Alpine |
| 2 | VR1,VR2 | Chip varistor (1005) | AVRL101A3R3FTA | TDK |