

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
18	C14,C27,C28,C30,C31,C32,C33,C34,C35,C36,C37,C38,C39,C42,C44,C45,C46,C50	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	CLE1006-7291F	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	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	TCK111G	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
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
2	Q2,Q3	Digital transistor (NPN)	DTC044EMT2L	Rohm
5	R1,R104,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	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