

CXD5602PWBGNSS1W BOM List

Sony Semiconductor Solutions

Qty	Ref	Name	Model	Vender
2	C1,C18	Ceramic capacitor 1uF (6.3V X5R 0603)		
11	C10,C12,C14,C15,C16,C17,C19,C20,C22,C7,C8	Ceramic capacitor 0.1uF (16V X5R 0603)		
4	C11,C13,C21,C23	Ceramic capacitor 4.7uF (6.3V X5R 0603)		
2	C2,C9	Ceramic capacitor 1000pF (25V X7R 0603)		
2	C3,C4	Ceramic capacitor 100pF (50V C0G 0603)		
1	C5	Ceramic capacitor 4.7pF (50V C0G 0603)		
1	C6	Ceramic capacitor 3.3pF (50V C0G 0603)		
2	CN1,CN2	Pin Socket (2.54mm pitch/13P)	HSCSW-S13G-L5.6	JC Electronics
1	D1	Schottky diode	CUS10S30	Toshiba Electronic Devices & Storage
1	IC1	Power Switch IC	XC8109AC10ER-G	TOREX SEMICONDUCTOR
1	IC2	Load Switch IC	TCK107AG	Toshiba Electronic Devices & Storage
1	IC3	GNSS navigation IC	CXD5610GF-T2	Sony Semiconductor Solutions
1	J1	U.FL coaxial connector	U.FL-R-SMT-1	Hirose Electric
3	L1,L7,L8	Chip ferrite bead (0603)	BLM03AG121SN1	Murata
2	L10,L9	Chip ferrite bead (0603)	BLM03AX121SN1D	Murata
1	L2	Chip inductor 33nH (1005)	LQG15HS33NJ02D	Murata
1	L3	Chip inductor 3.9nH (0603)	LQP03TN3N9B02D	Murata
1	L4	Chip inductor 9.1nH (0603)	LQP03TN9N1J02D	Murata
1	L5	Chip inductor 12nH (0603)	LQP03TN12NJ02D	Murata
1	L6	Chip inductor 6.8nH (0603)	LQP03TN6N8J02D	Murata
1	R1	Chip resistor 470K Ω (1/20W 0603 1%)		
2	R10,R12	Chip resistor 0 Ω (1005)		
1	R15	Chip resistor 100K Ω (1/20W 0603 1%)		

2	R17,R19	Chip resistor 1 Ω (0.125W 1005 1%)		
1	R18	Chip resistor 470 Ω (1/20W 0603 1%)		
3	R2,R3,R4	Chip resistor 47K Ω (1/20W 0603 1%)		
2	R6,R7	Chip resistor 4.7K Ω (1/20W 0603 1%)		
1	RV1	EMI filter (0603)	LXES03TBB1-141	Murata
1	SAW1	SAW filter (GNSS)	SAWFZ1G17AB0E0A	Murata
1	X1	Crystal oscillator 26MHz (TCXO)	NT1612SA 26MHz	Nihon Dempa Kogyo
1	X2	Tuning fork crystal oscillator 32.768KHz	SH-32R	Seiko Instruments