

Description	Comment	TYPE	MAKER	Quantity	Designator
CHIP CERAMIC CAP	101K/250V	2012	WALSIN, SAMSUNG	14	C17, C19, C24, C25, C26, C27, C28, C29, C31, C32, C36, C37, C39, C40
CHIP CERAMIC CAP	103K/25V	1608	WALSIN, SAMSUNG	0	C13, C14
CHIP CERAMIC CAP	103K/25V	1608	WALSIN, SAMSUNG	5	C23, C38, C45, C50, C51
CHIP CERAMIC CAP	104Z/25V	1608	WALSIN, SAMSUNG	8	C1, C2, C3, C4, C5, C7, C13, C14
CHIP CERAMIC CAP	105Z/6.3V	1608	WALSIN, SAMSUNG	1	C8
CHIP CERAMIC CAP	105Z/6.3V	1608	WALSIN, SAMSUNG	0	C9, C10
CHIP CERAMIC CAP	FS43X105K251EGG	4532	WALSIN	8	C21, C22, C34, C35, C43, C44, C48, C49
CHIP CERAMIC CAP	TCC1206X7R103K251DT	3216	CCTC	4	C20, C33, C42, C47
CHIP LED RED	WR106SR-W	1608	BRIGHT LED	7	D1, D2, D3, D4, D5, D6, D7
CHIP LED RGB	BL-HBHG8JE36K-TRB-T05	1615	BRIGHT LED	5	RGB1, RGB2, RGB3, RGB4, RGB5
CHIP RESISTOR	0RJ	6432	WALSIN, SAMSUNG	1	R138
CHIP RESISTOR	1KF	1608	WALSIN, SAMSUNG	29	.
CHIP RESISTOR	1KF	1608	WALSIN, SAMSUNG	0	R23, R24
CHIP RESISTOR	2.7KF	1608	WALSIN, SAMSUNG	12	R34, R35, R36, R37, R56, R57, R58, R62, R63, R64, R65, R68
CHIP RESISTOR	4.7KF	1608	WALSIN, SAMSUNG	2	R26, R27
CHIP RESISTOR	8.2KF	1608	WALSIN, SAMSUNG	4	R45, R71, R95, R125
CHIP RESISTOR	10KJ	1608	WALSIN, SAMSUNG	1	R1
CHIP RESISTOR	10KJ	1608	WALSIN, SAMSUNG	0	R20, R21, R22
CHIP RESISTOR	22KJ	1608	WALSIN, SAMSUNG	0	R25
CHIP RESISTOR	47RJ	1608	WALSIN, SAMSUNG	5	R15, R16, R17, R18, R19
CHIP RESISTOR	100KJ	1608	WALSIN, SAMSUNG	52	R32, R33, R39, R40, R44, R46, R48, R49, R51, R54, R55, R60, R61, R70, R72, R74, R75, R77, R80, R81, R82, R83, R85, R86, R87, R88, R94, R96, R98, R99, R101, R102, R104, R105, R107, R110, R111, R112, R113, R115, R116, R117, R118, R124, R126, R128, R129, R131, R132, R134, R135, R137
CHIP RESISTOR	100RJ	1608	WALSIN, SAMSUNG	4	R43, R69, R93, R123
CHIP RESISTOR	120RJ	3216	WALSIN, SAMSUNG	4	R31, R53, R79, R109
CHIP RESISTOR	150KF	2012	WALSIN, SAMSUNG	8	R30, R38, R52, R59, R78, R84, R108, R114
CHIP RESISTOR	270RF	1608	WALSIN, SAMSUNG	1	R28
CHIP RESISTOR	390RJ	1608	WALSIN, SAMSUNG	6	R2, R3, R4, R5, R6, R7
CHIP RESISTOR	510RF	1608	WALSIN, SAMSUNG	1	R29
CHIP TRANSISTOR	2N5401S	SOT-23	FIRST SILICON	12	Q7, Q8, Q13, Q14, Q19, Q20, Q21, Q22, Q31, Q32, Q33, Q34
CHIP TRANSISTOR	2N5551S	SOT-23	FIRST SILICON	24	Q9, Q10, Q11, Q12, Q15, Q16, Q17, Q18, Q23, Q24, Q25, Q26, Q27, Q28, Q29, Q30, Q35, Q36, Q37, Q38, Q39, Q40, Q41, Q42
CHIP TRANSISTOR	2SA1981SY	SOT-23	AUK	6	Q1, Q2, Q3, Q4, Q5, Q6
PIN HEADER	SMW2.5MM-7P	DIP-8	YEONHO ELECTRONICS	0	CN1
SMD AMPLIFIER 1W	AP4890	SOP8	APLUS	0	U4
SMD BUFFER	ULN2003D1013TR	SOP-16	STMicroelectronics	1	U5
SMD DIODE SCHOTTKY	MBRAF3200T3G	SMA	MDD, ON SEMICONDUCTOR	4	D8, D9, D10, D11
SMD DIODE TVS	SMBJ15A	SMB	SAMYANG ELECTRONICS	1	TVS1
SMD ELECT CAPACITOR	220uF/6.3V	SC 6.3X5.8	SAMYOUNG	7	C6, C15, C16, C18, C30, C41, C46
SMD INDUCTOR	SC7850D-221K	7850	SUHKWANG	4	L1, L2, L3, L4
SMD JACK USB C TYPE	USB-TYPE-C-31-M-17	SMD-6	Korean-Hroparts-Elec	1	CN4
SMD MCU	STM32G070RBT6	LQFP64	STMicroelectronics	1	U1
SMD MOSFET N-CHANNEL	FDT86246L	SOT223	FAIRCHILD	4	FET1, FET2, FET3, FET4
SMD REGULATOR	LMT117-ADJ	SOT-223	TGS	1	U6
SMD SERIAL FLASH	W25Q32JVSSIQ	SOIC-8(208mil)	WINBOND	0	U2
SMD VOICE	VLN1MM04S8X	SOP-8	SYNOOS	1	U3
SMD WAFER	12505WR-02	SMD-2	YEONHO ELECTRONICS	1	CN2
SMD WAFER	12505WR-02	SMD-2	YEONHO ELECTRONICS	0	CN3
SMD WAFER	12505WS-08(STRAIGHT)	SMD-8	YEONHO ELECTRONICS	1	CN6
SMD WAFER	12505WS-09(STRAIGHT)	SMD-9	YEONHO ELECTRONICS	1	CN5
SPEAKER	TDM15A-8-L055C0.5S-0.3D	ASS'Y	NCEI	1	SPK1