

Comment	Description	Designator	Part Number	LibRef	Quantity	Footprint
HCM1212X	AUDIO MAGNETIC INDICATOR 12V	BA1	HCM1212X	HCM1212X	2	HCM1212X
10u	Capacitors 1210 package case	C1, C4	CL32B106KBJNNNE	C1210	4	CAP1210-2.2
0.1uF	Capacitors 0805 package case	C2, C3, C5, C8, C9, C10, C12, C16, C17, C19, C21, C22, C24, C26	CL21B104JBCNNNC	C0805	28	CAP0805-0.75
4.7uF	Capacitors 0805 package case	C6, C18, C23, C25	CL21A475KBQNNNE	C0805	8	CAP0805-0.75
22u	Capacitors 1210 package case	C7, C13	CL32A226KAJNNNE	C1210	4	CAP1210-2.7
12p	Capacitors 0603 package case	C11, C14	CL10C120JB8NNNC	C0603	4	CAP0603
0.047u	Capacitors 0603 package case	C15	GRM1885C1H472JA01D	C0603	2	CAP0603
0.01uF	Capacitors 0805 package case	C20, C27	CL21B103JBANNNC	C0805	4	CAP0805-0.75
ST1S10PHR	3 A, 900 kHz, monolithic synchronous step-down regulator IC	DA1	ST1S10PHR	ST1S10PHR	2	SOIC-8EP
ATmega16A-AU	AVR MCU 8-bit, 16MHz, 16KB Flash	DD1	ATmega16A-AU	ATmega16A-AU	2	TQFP-44
0451002.MRL	Fast Fuse 15A	FU1	0451002.MRL	0451015.MRL	2	FUSE 0451
0451015.MRL	Fast Fuse 15A	FU2	0451015.MRL	0451015.MRL	2	FUSE 0451
WH-1602	1602 Display with 16 pin PBS connector	HG1	WH-1602	WH-1602	2	WH1602
KP-2012MGC	Green led 0805	HL1, HL2	KP-2012MGC	KP-2012MGC	4	LED0805G
HS207-30	Heatsink 35x30x10mm	HS1, HS2, HS3, HS4	HS207-30	HS207-30	8	HS207-30
SRU5028-3R3Y	Shielded SMD Power Inductors	L1	SRU5028-3R3Y	SRU5028-3R3Y	2	SRU5028
0	Resistor 0805 package case	R1, R2	RC0805JR-070RL	R0805	4	RES0805B
1k	Resistor 0805 package case	R3, R12, R14, R19	RC0805JR-071KL	R0805	8	RES0805B
5.1k	Resistor 0805 package case	R4, R5, R6	RC0805JR-075K1L	R0805	6	RES0805B
3362P-1-102LF	TRIMMER 1K OHM 0.5W PC PIN TOP	R7	3362P-1-102LF	3362P-1-102LF	2	3362P
3k	Resistor 0805 package case	R8, R11	RC0805FR-073KL	R0805	4	RES0805B
15.8k	Resistor 0805 package case	R9	RC0805FR-0715K8L	R0805	2	RES0805C
3.01k	Resistor 0805 package case	R10	RC0805FR-073K01L	R0805	2	RES0805C
10	Cement Fixed Resistors SQP-5W	R13		SQP10W	2	RES_SQP10W
10k	Resistor 0805 package case	R15	RC0805JR-0710KL	R0805	2	RES0805B
18k	Resistor 0805 package case	R16, R20	ERA6AEB183V	R0805	4	RES0805C
2k	Resistor 0805 package case	R17, R21	ERA6AEB202V	R0805	4	RES0805C
0.1	Cement Fixed Resistors SQP-5W	R18		SQP10W	2	RES_SQP10W
100	Resistor 0805 package case	R22	RC0805JR-07100RL	R0805	2	RES0805B
MURA120T3G	Diode 200V, 2A	VD1	MURA120T3G	MURA120T3G	2	SMA
MBR40250G	Diode Schottky 250V, 40A	VD2	MBR40250G	MBR40250G	2	TO-220-2
BD139	General Purpose n-p-n Transistors	VT1	BD139	BD139	2	TO-126 (HORIZONTAL, HOLE MOUNTING)
IRL3705NPBF	N-Channel MOSFET, 55V, 89A	VT2, VT3, VT4	IRL3705NPBF	IRL3705NPBF	6	TO-220A-3
470531000		XP1	470531000	470531000	2	0470531000
IDC-10		XP2, XP3		IDC-10	4	IDC-10
PLS-2		XP4, XP6		PLS-2	4	PLS-2
PLS-5		XP5		PLS-5	2	PLS-5
TB007-508-04BK	Terminal block, screw type, 5.08mm pitch	XS1	TB007-508-04BK	TB007-508-04BK	2	TB007-508-04BK
TB007-508-02BK	Terminal block, screw type, 5.08mm pitch	XS2	TB007-508-02BK	TB007-508-02BK	2	TB007-508-02BK
TB007-508-02BE	Terminal block, screw type, 5.08mm pitch	XS3, XS4	TB007-508-02BE	TB007-508-02BE	4	TB007-508-02BE
NFM41CC102R2A3L	Terminal Filter Capacitors 100VDC 300mA	Z1, Z2, Z3	NFM41CC102R2A3L	NFM41CC102R2A3L	6	NFM41CC
ABS07-32.768KHZ-T	Quartz Crystal (Frequency Stability ±20ppm)	ZQ1	ABS07-32.768KHZ-T	ABS07-32.768KHZ-T	2	ABS07