

BOM - Mp3PuBliC

DigiKey Code	CAPACITORS	
4 PCC1973CT-ND	CAP 22PF 200V CERAMIC NPO 0805	C1-C4
1 PCF1046CT-ND	CAP .01UF 50V UF(B) FILM SMD	C5
8 PCF1126CT	CAP .1UF 16V FILM 0805 20%	C6-C13
1 PCS1475CT	CAP 4.7UF 6.3V TANT TE SERIES	C14
3 PCS1106CT-ND	CAP 10UF 6.3V TANT TE SERIES	C15-C17
1 PCE3104CT	CAP 68UF 16V ELECT FC SMD	C18
2 PCE2043CT	CAP 100UF 16V VA SERIES SMD	C19,C20
1 PCE2048CT	CAP 220UF 25V VA SERIES SMD	C21

RESISTORS		
1 P1.1XCT	RES 1.1 OHM 1W 5% 2512	R1
2 P15ECT	RES 15 OHM 1/8 W 5% 1206 SMD	R2,R3
2 P10KACT	RES 10K OHM 1/10W 5% 0805 SMD	R4,R5
1 P1.0MACT	RES 1.0M OHM 1/10W 5% 0805 SMD	R6
1 * P5C203CT-ND	TRIM POT 20K OHM 3MM CARBON SMD	R7

INDUCTORS		
2 M1125CT-ND	CHIP INDUCTOR SMT 10.0 UH SHIELD SMD	L1,L2
1 M1033CT-ND	INDUCTOR 47UH POWER SHIELD SMD	L3

DIODES		
6 1N4148WCT-ND	DIODE 75V 350MW SOD-123	D1-D6
1 S1A	RECTIFIER 1 AMP 50V SMA SMD	D7
1 B120BDICT-ND	SCHOTTKY DIODE 20V 1A SMB	D8
1 SMAJ14ADICT-ND	TVS 14V 400W UNI-DIR SMA	D9

CRYSTALS		
1 * 300-6150-1-ND	CRYSTAL 27.000 MHZ SMT	Y2
1 * 300-6157-1-ND	CRYSTAL 10.000 MHZ SMT	Y1

ICS		
1 * PIC18C452	MCU	U1
1 * VS1001	MP3 DECODER	U2
1 SSC12A32DLGY	GRAPHIC LCD 122x32	U3
1 * LM2675N-5.0-ND	IC SIMPLE SWITCHER CON 8-DIP	U4
1 * TK71533SCLCT-ND	IC VOLT REG LDO 3.3V SOT23-3	U5
1 * SN74LV245ADW	IC OCT BUS TXCVR 20 SOP	U6
1 * PNA4602M-ND	PHOTO IC INFRARED 38.0KHZ	U7

MISC.		
2 MSA44A	CONN 44POS 2MM IDC SOCKET GOLD	J3
1 CP-102B-ND	CONN POWER JACK 2.5MM PCB	J1
1 CP-3523N-ND	CONN AUDIO JACK 3.5MM STEREO	J2
1 3M1244	CONN 44POS2MM HEADER RT/DUAL GLD	
1 * ED80031-ND	CONN PLCC SOCKET 44POS SMT	
1 AM44G-10-ND	CABLE RIBBON 44 COND 10' GRAY	
6 P8073SCT	SWITCH LIGHT TOUCH 9.5MM 100GF	
1 * PCBIDE44-40	IDE 44-40 ADAPTOR	
1 * PCBMPv1.0.0	MP3 PCB V1.1.0	

* Are Included in the KIT and Soldered.