

R5	CHIP/F/R (SMD) 2.2K OHM 0.1W	RCY012224Z
R6	CHIP/F/R (SMD) 330 OHM 0.1W	RCY013314Z
R7	CHIP/F/R (SMD) 0 OHM 0.1W	RCY010004Z
R9	CHIP/F/R (SMD) 470 OHM 0.1W	RCY014714Z
R10	CHIP/F/R (SMD) 10K OHM 0.1W	RCY011034Z
R11	CHIP/F/R (SMD) 33K OHM 0.1W	RCY013334Z
R12	CHIP/F/R (SMD) 10K OHM 0.1W	RCY011034Z
R13	CHIP/F/R (SMD) 22K OHM 0.1W	RCY012234Z
R14	CHIP/F/R (SMD) 22K OHM 0.1W	RCY012234Z
R15	CHIP/F/R (SMD) 22K OHM 0.1W	RCY012234Z
R16	CHIP/F/R (SMD) 22K OHM 0.1W	RCY012234Z
R17	CHIP/F/R (SMD) 22K OHM 0.1W	RCY012234Z
R18	CHIP/F/R (SMD) 22K OHM 0.1W	RCY012234Z
R19	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R20	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R21	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R22	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R23	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R24	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R25	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R26	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R27	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R28	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R29	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R30	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R31	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R32	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R33	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R34	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R35	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R36	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R37	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R38	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R39	CHIP/F/R (SMD) 100 OHM 0.1W	RCY011014Z
R40	CHIP/F/R (SMD) 0 OHM 0.1W	RCY010004Z
R41	CHIP/F/R (SMD) 47K OHM 0.1W	RCY014734Z
R42	CHIP/F/R (SMD) 47K OHM 0.1W	RCY014734Z

Capacitors

Ref#	Description	MFR. Part No.
C1	E/C 100UF 16WV H=5mm	CEM161077A
C2	CHIP/C (SMD) 0.1UF 25WV Z Y5V	CK2104AB7R
C3	E/C 100UF 16WV H=5mm	CEM161077A
C5	CHIP/C (SMD)(K X7R) 0.01UF 50WV M Z5U	CK1103AB6U
C6	CHIP/C (SMD) 0.1UF 25WV Z Y5V	CK2104AB7R
C7	CHIP/C (SMD)(K X7R) 0.01UF 50WV M Z5U	CK1103AB6U
C8	CHIP/C (SMD) 0.1UF 25WV Z Y5V	CK2104AB7R
C9	CHIP/C (SMD) 1UF 16WV Z Y5V	CK5105AA7R
C10	CHIP/C (SMD) 0.1UF 25WV Z Y5V	CK2104AB7R
C11	CHIP/C (SMD) 0.1UF 25WV Z Y5V	CK2104AB7R
C12	CHIP/C (SMD) 0.1UF 25WV Z Y5V	CK2104AB7R
C13	CHIP/C (SMD)(K X7R) 0.001UF 50W V Z SL	CK1102AB7L
C14	CHIP/C (SMD) 33PF 50WV J CH	CK1330AB4A
C15	CHIP/C (SMD) 15PF 50WV J CH	CK1150AB4A
C16	CHIP/C (SMD)(K X7R) 0.01UF 50WV M Z5U	CK1103AB6U
C17	CHIP/C (SMD) 0.1UF 25WV Z Y5V	CK2104AB7R

C18	CHIP/C (SMD) 1UF 16WV Z Y5V	CK5105AA7R
C19	CHIP/C (SMD) 0.1UF 25WV Z Y5V	CK2104AB7R
C20	CHIP/C (SMD)(K X7R) 0.01UF 50WV M Z5U	CK1103AB6U
C21	CHIP/C (SMD) 0.1UF 25WV Z Y5V	CK2104AB7R
C22	CHIP/C (SMD)(K X7R) 0.01UF 50WV M Z5U	CK1103AB6U
C25	CHIP/C (SMD)(K X7R) 0.01UF 50WV M Z5U	CK1103AB6U
C27	CHIP/C (SMD) 1UF 16WV Z Y5V	CK5105AA7R
C28	CHIP/C (SMD) 0.1UF 25WV Z Y5V	CK2104AB7R
C29	CHIP/C (SMD) 0.1UF 25WV Z Y5V	CK2104AB7R
C30	CHIP/C (SMD) 1UF 16WV Z Y5V	CK5105AA7R
C31	CHIP/C (SMD) 0.1UF 25WV Z Y5V	CK2104AB7R
C32	CHIP/C (SMD) 0.1UF 25WV Z Y5V	CK2104AB7R
C33	CHIP/C (SMD) 0.1UF 25WV Z Y5V	CK2104AB7R
C34	CHIP/C (SMD) 1UF 16WV Z Y5V	CK5105AA7R
C35	CHIP/C (SMD) 0.1UF 25WV Z Y5V	CK2104AB7R
C36	CHIP/C (SMD) 0.1UF 25WV Z Y5V	CK2104AB7R
C37	E/C 1000UF 16WV Z	CE0161087Z
C38	CHIP/C (SMD)(K X7R) 0.01UF 50WV M Z5U	CK1103AB6U
C40	CHIP/C (SMD)(K X7R) 0.01UF 50WV M Z5U	CK1103AB6U
VC1	TRIMMER/C (SMD) 20PF TCZ03P200A1	CV038200AY

Integrated Circuits

Ref#	Description	MFR. Part No.
U1	IC (SMD) TK11650U 3PIN	YNTO11650U
U2	IC (SMD) TC4093BFN 4PIN	YNNTA04093B
U3	IC 80PIN LC7232N-898 5	YNRG0GX3SP
U4	IC (SMD) BA6250F-TP 16PIN	YNRO06250F
U5	IC (SMD) BA6250F-TP 16PIN	YNRO06250F
U6	IC (SMD) BA6250F-TP 16PIN	YNRO06250F

Transistors

Ref#	Description	MFR. Part No.
Q1	T/R (SMD) 2SC2712GR-TE85L	TY2SC2712G
Q2	T/R (SMD) 2SC2712GR-TE85L	TY2SC2712G
Q3	T/R (SMD) 2SC2714-TE85L	TY2SC2714Z

Diodes

Ref#	Description	MFR. Part No.
D2	DIODE (SMD) 1SS355	EDSS00355Y
D3	DIODE (SMD) 1SS355	EDSS00355Y

Inductors

Ref#	Description	MFR. Part No.
L1	CHOKE COIL(SMD) NL453232T-1 02J	YCTLI1083F

Crystals

Ref#	Description	MFR. Part No.
X1	CRYSTAL HC-49/U 4.500MHz	EYCAP04500

Connectors

Ref#	Description	MFR. Part No.
	PCB CONNECTOR/S 12P PH=2 L=6.8mm	EX07N48927
CN1	PCB CONNECTOR/S 2P PH=2MM	EX07N48223
CN2	PCB CONNECTOR/S 7P PH=2MM	EX07N48224

Jumpers

Ref#	Description	MFR. Part No.
J2	JUMPER WIRE 7x5x7	WX01070705

Wire

Ref#	Description	MFR. Part No.
CN4-CN15	LEAD WIRE #26 70MM RED 15:15	WL0207009Z

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