

## PARTS LIST

## DISPLAY UNIT

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
C1-C2		SMT CAPACITOR	0603	2	103±10% 50V
C3-C5		SMT CAPACITOR	0603	3	100P±10% 50V
C6-C9		SMT CAPACITOR	0603	4	103±10% 50V
C10-C11		SMT CAPACITOR	0603	2	104±10% 50V
C12		SMT CAPACITOR	0603	1	105±10% 50V
C13-C14		SMT CAPACITOR	0603	2	103±10% 50V
C15		SMT CAPACITOR	1206	1	226±10% 50V
C16-C21		SMT CAPACITOR	0603	6	103±10% 50V
D1-D3		SMT DIODE	0603	3	1N4148
DS1		LCD DISPLAY		1	LCD-NEW
DS2		LED DISPLAY		1	LED
E1		DIP ELECTRO	6×8	1	220uF/25V
E2		DIP ELECTRO	8×13	1	470uF/10V
J1		DIAL SWITCH		1	
J2		SMT PITCH FPC CONNECTOR		1	1.0-15-20PB
J3		Mic Connector	SKY6	1	HAND MIC INTERFACE
J4		PITCH BAR CONNECTOR	SIP2-2.0mm	1	CON6
L1		SMT FERRITE BEAD	0603	1	271T
R1-R15		SMT RESISTOR	0603	15	1K±5%
R16-R19		SMT RESISTOR	0603	4	NOUSE
R20-R21		SMT RESISTOR	0603	2	120K±5%
R22-R23		SMT RESISTOR	0603	2	68K±5%
R24-R31		SMT RESISTOR	0603	8	10R±5%
R32-R35		SMT RESISTOR	0603	4	47K±5%
R36-R37		SMT RESISTOR	0805	2	12K±5%
R38-R39		SMT RESISTOR	0805	2	20K±5%
R40-R41		SMT RESISTOR	0603	2	33K±5%

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
R42-R43		SMT RESISTOR	0603	2	47K±5%
R44		SMT RESISTOR	0603	1	22K±5%
R45		SMT RESISTOR	0805	1	2.2R±5%
R46-R47		SMT RESISTOR	0603	1	1K±5%
R48-R49		SMT RESISTOR	0603	2	10K±5%
R50		SMT RESISTOR	0805	1	10R±5%
R51		SMT RESISTOR	0805	1	820R±5%
R52		SMT RESISTOR	0805	1	680R±5%
R54		SMT RESISTOR	1206	1	56R±5%
S1-S2		DIAL SWITCH		2	RS1611-16-FB15B7.0-00
S3		KFC TACT SWITCH	6×6×7.5	1	SWR
S4		KFC TACT SWITCH	6×6×7.5	1	10KHZ
S5		KFC TACT SWITCH	6×6×7.5	1	S/RF
S7		KFC TACT SWITCH	6×6×7.5	1	SCAN
S8		KFC TACT SWITCH	6×6×7.5	1	FUNC
S9		KFC TACT SWITCH	6×6×7.5	1	NB/ANL
S10		KFC TACT SWITCH	6×6×7.5	1	RB
S11		KFC TACT SWITCH	6×6×7.5	1	LCD OFF
S12		DIAL SWITCH		1	ENCODER
U1		SMT IC	LQFP-48	1	HT1621B
U2		AVR	TO-92	1	78L05BP
U3		SMT IC	SOL-18	1	TM1618
U4		SMT IC	SOP-8	1	TM1804
U5		LED		1	LED-RGB
W1-W3		R:VARIABLE		3	5K

## PARTS LIST

## MAIN UNIT

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
C1		SMT CAPACITOR	0805	1	33P±5% 50V
C2		SMT CAPACITOR	0603	1	27P±5% 50V
C3-C37		SMT CAPACITOR	0603	35	103±10% 50V
C38		SMT CAPACITOR	1206	1	473±10% 50V
C39		SMT CAPACITOR	0603	1	47P ±5% 50V
C40		SMT CAPACITOR	0603	1	56P ±5% 50V
C41-C43		SMT CAPACITOR	0603	3	103±10% 50V
C44		SMT CAPACITOR	0805	1	103±10% 50V
C45-C48		SMT CAPACITOR	0603	4	103±10% 50V
C49		SMT CAPACITOR	0805	1	3P±0.1P 50V
C50		SMT CAPACITOR	1206	1	102±10% 50V
C51		SMT CAPACITOR	1206	1	103±10% 50V
C52		SMT CAPACITOR	0805	1	102±5% 50V
C53-C54		SMT CAPACITOR	0805	2	103±10% 50V
C55		SMT CAPACITOR	1206	1	103±10% 50V
C56-C60		SMT CAPACITOR	0603	5	103±10% 50V
C61		SMT CAPACITOR	1206	1	102±10% 50V
C62		SMT CAPACITOR	1206	1	103±10% 50V
C63-C65		SMT CAPACITOR	0603	3	473±10% 50V
C66-C68		SMT CAPACITOR	1206	3	473±10% 50V
C69		SMT CAPACITOR	1206	1	104±10% 50V
C70-C73		SMT CAPACITOR	0603	4	102±10% 50V
C74		SMT CAPACITOR	0603	4	103±10% 50V
C75		SMT CAPACITOR	1206	1	103±10% 50V
C76		SMT CAPACITOR	0603	1	102±10% 50V
C77		SMT CAPACITOR	0603	1	103±10% 50V
C78		SMT CAPACITOR	0603	1	102±10% 50V

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
C79		SMT CAPACITOR	0603	1	103±10% 50V
C80		SMT CAPACITOR	0603	1	103±10% 50V
C81		SMT CAPACITOR	0805	1	102±10% 50V
C82		SMT CAPACITOR	0805	1	106±10% 50V
C83-C84		SMT CAPACITOR	0603	2	103±10% 50V
C85		SMT CAPACITOR	0603	1	104±10% 50V
C86		SMT CAPACITOR	1206	1	103±10% 50V
C87-C88		SMT CAPACITOR	0805	1	103±10% 50V
C89		SMT CAPACITOR	0805	1	102±10% 50V
C90		SMT CAPACITOR	0805	1	103±10% 50V
C91-C92		SMT CAPACITOR	0603	2	102±10% 50V
C93		SMT CAPACITOR	1206	1	102±10% 50V
C94		SMT CAPACITOR	0603	1	103±10% 50V
C95		SMT CAPACITOR	0603	1	100P±5% 50V
C96		SMT CAPACITOR	1206	1	100P±5% 50V
C97		SMT CAPACITOR	1206	1	270P±5% 50V
C98		SMT CAPACITOR	0603	1	470P ±5% 50V
C99		SMT CAPACITOR	1206	1	470P ±5% 50V
C100		SMT CAPACITOR	0805	1	103±10% 50V
C101-C102		SMT CAPACITOR	0603	2	47P ±5% 50V
C103		SMT CAPACITOR	0603	1	68P ±5% 50V
C104		SMT CAPACITOR	0805	1	3P±0.1P 50V
C105		SMT CAPACITOR	0603	1	47P±5% 50V
C106		SMT CAPACITOR	0603	1	56P±5% 50V
C107		SMT CAPACITOR	0603	1	68P±5% 50V
C108		SMT CAPACITOR	0603	1	39P±5% 50V
C109		SMT CAPACITOR	0603	1	47P±5% 50V
C110		SMT CAPACITOR	0603	1	18P±5% 50V

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
C111		SMT CAPACITOR	0603	1	22P±5% 50V
C112		SMT CAPACITOR	0603	1	220P±5% 50V
C113-C118		SMT CAPACITOR	0603	6	5P±0.1P 50V
C119		SMT CAPACITOR	0603	1	8P±0.1P 50V
C120		SMT CAPACITOR	0805	1	5P±0.1P 50V
C121		SMT CAPACITOR	0603	1	103±10% 50V
C122-C133		SMT CAPACITOR	0603	12	104±10% 50V
C134		SMT CAPACITOR	1206	1	103±10% 50V
C135-C139		SMT CAPACITOR	0603	5	104±10% 50V
C140		SMT CAPACITOR	0603	1	105±10% 50V
C141		SMT CAPACITOR	1206	1	102±10% 50V
C142		SMT CAPACITOR	0805		475±10% 50V
C143		SMT CAPACITOR	0603	1	NOUSE
C144		SMT CAPACITOR	0603	1	2P±0.1P 50V
C145		SMT CAPACITOR	0603	1	330P±10% 50V
C146		SMT CAPACITOR	0603	1	18P±1% 50V
C147-C148		SMT CAPACITOR	0603	2	8P±0.1P 50V
C149		SMT CAPACITOR	0603	1	6P±0.1P 50V
C150		SMT CAPACITOR	0603	1	105±10% 50V
C151		SMT CAPACITOR	0805	1	105±10% 50V
C152		SMT CAPACITOR	0603	1	273±10% 50V
C153		SMT CAPACITOR	0805	1	104±10% 50V
C154		SMT CAPACITOR	0603	1	105±10% 50V
C155-C158		SMT CAPACITOR	0603	4	3P±0.1P 50V
C159-C160		SMT CAPACITOR	0603	2	103±10% 50V
C161		SMT CAPACITOR	0603	1	NO USE
C162		SMT CAPACITOR	0603	1	220P±10% 50V
C163		SMT CAPACITOR	0603	1	222±10% 50V

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
C164		SMT CAPACITOR	1206	1	226±10% 50V
C165		SMT CAPACITOR	0603	1	333±10% 50V
C166		SMT CAPACITOR	0603	1	103±10% 50V
C167		SMT CAPACITOR	0603	1	100P±5% 50V
C168		SMT CAPACITOR	0603	1	224±10% 50V
C169		SMT CAPACITOR	0603	1	100P±5% 50V
C170		SMT CAPACITOR	1206	1	103±10% 50V
C171		SMT CAPACITOR	0603	1	103±10% 50V
C172		SMT CAPACITOR	0603	1	222±10% 50V
C173		SMT CAPACITOR	0603	1	103±10% 50V
C174		SMT CAPACITOR	0603	1	224±10% 50V
C175		SMT CAPACITOR	0603	1	225±10% 50V
C176		SMT CAPACITOR	0603	1	390P±10% 50V
C177		SMT CAPACITOR	0805	1	390P±10% 50V
C178		SMT CAPACITOR	0603	1	390P±10% 50V
C179-C180		SMT CAPACITOR	0603	2	472±10% 50V
C181-C182		SMT CAPACITOR	0603	2	103±10% 50V
C183		SMT CAPACITOR	0603	1	100P±10% 50V
C184		SMT CAPACITOR	0603	1	103±10% 50V
C185		SMT CAPACITOR	0805	1	102±10% 50V
C186		SMT CAPACITOR	0603	1	27P±5% 50V
C187		SMT CAPACITOR	0603	1	NO USE
C188		SMT CAPACITOR	0603	1	104±10% 50V
C189		SMT CAPACITOR	0603	1	392±10% 50V
C190		SMT CAPACITOR	0603	1	390P±5% 50V
C191		SMT CAPACITOR	0603	1	100P±5% 50V
C192		SMT CAPACITOR	0603	1	NOUSE
C193		SMT CAPACITOR	0805	1	475P±10% 50V

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
C194		SMT CAPACITOR	1206	1	106±10% 50V
C195		SMT CAPACITOR	0805	1	106±10% 50V
C196		SMT CAPACITOR	1206	1	106±10% 50V
C197		SMT CAPACITOR	0603	1	153±10% 50V
C198-C199		SMT CAPACITOR	0603	2	223P±10% 50V
C200		SMT CAPACITOR	0805	1	82P±5% 50V
C201		SMT CAPACITOR	0805	1	225±10% 50V
C202		SMT CAPACITOR	0603	1	103±10% 50V
C203		SMT CAPACITOR	1206	2	152±5% 50V
C204		SMT CAPACITOR	1206	1	NOUSE
C206		SMT CAPACITOR	0603	1	82P ±5% 50V
C207		SMT CAPACITOR	0805	1	224±10% 50V
C208-		SMT CAPACITOR	1206	1	100P±5% 50V
C209		SMT CAPACITOR	1206	1	68P±5% 50V
C210		SMT CAPACITOR	0805	1	2P±0.1P 50V
C211		SMT CAPACITOR	1206	1	220P±5% 50V
C212		SMT CAPACITOR	1206	1	270P±5% 50V
C213		SMT CAPACITOR	0603	1	180P±10% 50V
C214		SMT CAPACITOR	0603	1	11P±5% 50V
C215		SMT CAPACITOR	0603	1	120P ±5% 50V
C216		SMT CAPACITOR	0603	1	NOUSE
C217		SMT CAPACITOR	0603	1	39P±5% 50V
C218		SMT CAPACITOR	0603	1	103±10% 50V
C219		SMT CAPACITOR	0805	1	103±10% 50V
C221		SMT CAPACITOR	0603	1	225±10% 50V
C222		SMT CAPACITOR	0603	1	100P±10% 50V
C223		SMT CAPACITOR	0603	1	224±10% 50V
C224-C226		SMT CAPACITOR	0603	3	NOUSE

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
C227-C236		SMT CAPACITOR	0603	10	103±10% 50V
C239-C240		SMT CAPACITOR	0805	2	473±10% 50V
C242		SMT CAPACITOR	0603	1	103±10% 50V
C254		SMT CAPACITOR	0603	1	103±10% 50V
C256		SMT CAPACITOR	0603	1	220P±10% 50V
C257-C259		SMT CAPACITOR	1206	3	100P±5% 50V
C260		SMT CAPACITOR	1206	1	270P±5% 50V
C261		SMT CAPACITOR	1206	1	150P±5% 50V
C262		SMT CAPACITOR	1206	1	NOUSE
C263		SMT CAPACITOR	0805	1	270P±5% 50V
C300-C301		SMT CAPACITOR	0603	2	470P±10% 50V
C302		SMT CAPACITOR	0603	1	102±10% 50V
C303-C305		SMT CAPACITOR	0603	3	103±10% 50V
C306		SMT CAPACITOR	0603	1	102±5% 50V
C307		SMT CAPACITOR	0603	1	103±10% 50V
C308		SMT CAPACITOR	0603	1	104±10% 50V
C309		SMT CAPACITOR	0603	1	102±10% 50V
C310-C311		SMT CAPACITOR	0603	2	103±10% 50V
C312		SMT CAPACITOR	0603	1	102±10% 50V
C313		SMT CAPACITOR	0603	1	103±10% 50V
C314-C315		SMT CAPACITOR	0603	2	105±10% 50V
C316		SMT CAPACITOR	0603	1	15P±5% 50V
C317		SMT CAPACITOR	0603	1	1.5P±0.1P 50V
C318		SMT CAPACITOR	0603	1	5P±0.1P 50V
C319-C320		SMT CAPACITOR	0603	2	104±10% 50V
C321		SMT CAPACITOR	0603	1	33P±5% 50V
C322		SMT CAPACITOR	0603	1	11P±3% 50V
C323		SMT CAPACITOR	0603	1	47P±5% 50V



## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
C324		SMT CAPACITOR	0603	1	100P±10% 50V
C325		SMT CAPACITOR	0603	1	222±10% 50V
C326		SMT CAPACITOR	1206	1	226±10% 50V
C327		SMT CAPACITOR	0603	1	47P±5% 50V
C328		SMT CAPACITOR	0603	1	12P±3% 50V
C329		SMT CAPACITOR	0603	1	3P±0.1P 50V
C330		SMT CAPACITOR	0603	1	12P±3% 50V
C332		SMT CAPACITOR	0603	1	0.5P ±0.1P 50V
C333-C334		SMT CAPACITOR	0603	2	102±10% 50V
C335		SMT CAPACITOR	0805	1	47P±5% 50V
C336		SMT CAPACITOR	0603	1	100P±5% 50V
C337		SMT CAPACITOR	0603	1	82P±5% 50V
C338		SMT CAPACITOR	0603	1	472±10% 50V
C340		SMT CAPACITOR	0603	1	39P±5% 50V
C341		SMT CAPACITOR	0603	1	10P±5% 50V
C342		SMT CAPACITOR	0805	1	224±10% 50V
C343		SMT CAPACITOR	0805	1	474±10% 50V
C344		SMT CAPACITOR	0603	1	33P±5% 50V
C345		SMT CAPACITOR	0603	1	47P±5% 50V
C346		SMT CAPACITOR	0603	1	33P±5% 50V
C347		SMT CAPACITOR	0603	1	27P±5% 50V
C348-C350		SMT CAPACITOR	0603	3	470P±10% 50V
C351-C353		SMT CAPACITOR	0603	3	100P±10% 50V
C354		SMT CAPACITOR	0603	1	104±10% 50V
C355		SMT CAPACITOR	1206	1	106±10% 50V
C356		SMT CAPACITOR	0603	1	220P±5% 50V
C357		SMT CAPACITOR	1206	1	106±10% 50V
C358		SMT CAPACITOR	0603	1	4P±0.1P 50V

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
C359		SMT CAPACITOR	0603	1	68P±5% 50V
C360		SMT CAPACITOR	0603	1	103±10% 50V
C362		SMT CAPACITOR	0603	1	102±10% 50V
C500		SMT CAPACITOR	0603	1	680P±10% 50V
C501-C502		SMT CAPACITOR	0603	2	100P±5% 50V
C503		SMT CAPACITOR	0603	1	103±10% 50V
C504		SMT CAPACITOR	1206	1	226±10% 50V
C505-C510		SMT CAPACITOR	0603	6	103±10% 50V
C511		SMT CAPACITOR	0603	1	220P±10% 50V
C512-C517		SMT CAPACITOR	0603	6	103±10% 50V
C518		SMT CAPACITOR	0805	1	475±10% 50V
C520-C524		SMT CAPACITOR	0603	5	103±10% 50V
C525		SMT CAPACITOR	0603	1	82P±5% 50V
C526		SMT CAPACITOR	0603	1	473±10% 50V
C527		SMT CAPACITOR	0603	1	104±10% 50V
C528-C533		SMT CAPACITOR	0603	6	105±10% 50V
C534		SMT CAPACITOR	0603	1	104±10% 50V
C535		SMT CAPACITOR	0603	1	105±10% 50V
C536		SMT CAPACITOR	0603	1	104±10% 50V
C537-C539		SMT CAPACITOR	0603	3	105±10% 50V
C540-C541		SMT CAPACITOR	0603	2	103±10% 50V
C542		SMT CAPACITOR	0603	1	390P±5% 50V
C543		SMT CAPACITOR	0603	1	33P±5% 50V
C544-C545		SMT CAPACITOR	0603	2	103±5% 50V
C546-C549		SMT CAPACITOR	0603	4	102±5% 50V
C550		SMT CAPACITOR	0603	1	103±10% 50V
C551		SMT CAPACITOR	0603	1	104±10% 50V
C552		SMT CAPACITOR	0603	1	225±10% 50V

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
C553		SMT CAPACITOR	0805	1	475±10% 50V
C554		SMT CAPACITOR	0603	1	103±10% 50V
C555		SMT CAPACITOR	0603	1	102±5% 50V
C556		SMT CAPACITOR	0603	1	103±5% 50V
C557		SMT CAPACITOR	0603	1	472±10% 50V
C558		SMT CAPACITOR	0603	1	103±10% 50V
C559		SMT CAPACITOR	0603	1	472±10% 50V
C560-C561		SMT CAPACITOR	0603	2	102±10% 50V
C562-C563		SMT CAPACITOR	0805	2	103±10% 50V
C564-C567		SMT CAPACITOR	0603	4	102±10% 50V
C568		SMT CAPACITOR	0805	1	102±10% 50V
C569		SMT CAPACITOR	0603	1	330P±5% 50V
C570		SMT CAPACITOR	0603	1	104±10% 50V
C571		SMT CAPACITOR	0603	1	223±10% 50V
C572		SMT CAPACITOR	0603	1	103±10% 50V
C573-C574		SMT CAPACITOR	0603	2	104±10% 50V
C575		SMT CAPACITOR	0603	1	100P±5% 50V
C577		SMT CAPACITOR	0603	1	33P±5% 50V
C578		SMT CAPACITOR	0603	1	220P±5% 50V
C579-C580		SMT CAPACITOR	0603	2	103±10% 50V
C581		SMT CAPACITOR	0603	1	102±10% 50V
C582		SMT CAPACITOR	0603	1	2P ±0.1P 50V
C583		SMT CAPACITOR	0603	1	103±10% 50V
C584		SMT CAPACITOR	0603	1	220P±10% 50V
C585		SMT CAPACITOR	0603	1	5P±0.1P 50V
C586		SMT CAPACITOR	0603	1	150P±5% 50V
C587		SMT CAPACITOR	0603	1	103±10% 50V
C588-C589		SMT CAPACITOR	0603	2	22P±10% 50V

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
C590-C591		SMT CAPACITOR	0603	2	273P±10% 50V
C592-C594		SMT CAPACITOR	0603	3	103±10% 50V
C595		SMT CAPACITOR	0603	1	102±10% 50V
C607-C608		SMT CAPACITOR	0603	2	103±10% 50V
C612-C613		SMT CAPACITOR	0603	2	220P±10% 50V
C614-C615		SMT CAPACITOR	0603	2	273±10% 50V
C616		SMT CAPACITOR	0603	1	222±10% 50V
C617		SMT CAPACITOR	0603	1	27P±3% 50V
C618-C626		SMT CAPACITOR	0603	9	103±10% 50V
C630		SMT CAPACITOR	1206	1	226±10% 50V
C632		SMT CAPACITOR	0805	1	475±10% 50V
C633		SMT CAPACITOR	0603	1	103±10% 50V
C900		SMT CAPACITOR	1206	1	226±10% 50V
C901-C902		SMT CAPACITOR	0603	2	105±10% 50V
C903-C904		SMT CAPACITOR	0603	2	104±10% 50V
C905		SMT CAPACITOR	0603	1	105±10% 50V
C906		SMT CAPACITOR	0603	1	104±10% 50V
C907		SMT CAPACITOR	0603	1	105±10% 50V
C908		SMT CAPACITOR	0603	1	104±10% 50V
C909		SMT RESISTOR	0603	1	0R±5%
C910		SMT CAPACITOR	1206	1	226P±10% 50V
C911		SMT CAPACITOR	0603	1	103±10% 50V
C912		SMT CAPACITOR	0603	1	105±10% 50V
C913		SMT RESISTOR	0603	1	0R±5%
C914		SMT CAPACITOR	0603	1	105±10% 50V
C915		SMT RESISTOR	0603	1	0R±5%
C916		SMT CAPACITOR	0603	1	105±10% 50V
C917		SMT RESISTOR	0603	1	0R±5%

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
C918		SMT RESISTOR	0603	1	0R±5%
C919-C920		SMT CAPACITOR	1206	2	226±10% 50V
C921		SMT CAPACITOR	0603	1	103±10% 50V
C922		SMT CAPACITOR	0603	1	105±10% 50V
C923-C925		SMT CAPACITOR	0603	3	103±10% 50V
C926-C927		SMT CAPACITOR	0603	2	152±10% 50V
C928-C929		SMT CAPACITOR	0603	2	562±10% 50V
C930		SMT CAPACITOR	0603	1	103±10% 50V
C931		SMT CAPACITOR	0603	1	333±10% 50V
C932-C933		SMT CAPACITOR	0603	2	473±10% 50V
C934		SMT CAPACITOR	0805	1	225±10% 50V
C935-C936		SMT CAPACITOR	0805	2	224±10% 50V
C937-C938		SMT CAPACITOR	0603	2	103±10% 50V
C940		SMT CAPACITOR	0603	1	103±10% 50V
C942		SMT CAPACITOR	0603	1	105±10% 50V
E1		DIP ELECTRO	4x7	1	33uF/16V
E3-E5		DIP ELECTRO	4x7	3	47uF/16V
E6		DIP ELECTRO	5x12	1	47uF/25V
E7		DIP ELECTRO	4x7	1	47uF/16V
E8		ANT		1	ANT
E10		DIP ELECTRO	8x12	1	470uF/25V
E11		DIP ELECTRO	4x7	1	10uF/25V
E12		DIP ELECTRO	4x7	1	47uF/16V
E14		DIP ELECTRO	6.3x12	1	100uF/16V
E16		DIP ELECTRO	4x8	1	2.2uF/25V
E18		DIP ELECTRO	4x7	1	10uF/16V
E20		DIP ELECTRO	4x7	1	10uF/16V
E300		DIP ELECTRO	4x7	1	10uF/16V

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
E500		DIP ELECTRO	8x13	1	470uF/25V
E501		DIP ELECTRO	6.3x12	1	220uF/16V
E502		DIP ELECTRO	4x7	1	4.7uF/16V
E504		DIP ELECTRO	10x17	1	1000uF/25V
E505-E506		DIP ELECTRO	8x13	2	470uF/25V
E507-E508		DIP ELECTRO	6.3x8	2	100uF/16V
E515		DIP ELECTRO	8x13	1	470uF/25V
E516		DIP ELECTRO	4x7	1	47uF/16V
E900		DIP ELECTRO	6.3x12	1	220uF/16V
E901		SMT TANTALUM CAPACITOR	A type	1	10uF/16V
R1-R12		SMT RESISTOR	0603	12	10K±5%
R13		SMT RESISTOR	0603	1	3.3K±5%
R15		SMT RESISTOR	0603	1	15K±5%
R16		SMT RESISTOR	0603	1	10K±5%
R17		SMT RESISTOR	0603	1	3.9K±5%
R19		SMT RESISTOR	2010	1	10K±5%
R20-R23		SMT RESISTOR	0603	4	10K±5%
R24		SMT RESISTOR	0603	1	22K±5%
R25		SMT RESISTOR	0603	1	6.8K±5%
R26		SMT RESISTOR	0805	1	330K±5%
R27		SMT RESISTOR	0603	1	10K±5%
R28		SMT RESISTOR	1206	1	10K±5%
R29		SMT RESISTOR	0603	1	NOUSE
R30-R33		SMT RESISTOR	0603	4	1K±5%
R34		SMT RESISTOR	1206	1	27R±5%
R35-R38		SMT RESISTOR	0603	4	1K±5%
R39		SMT RESISTOR	1206	1	27R±5%
R40		SMT RESISTOR	0603	1	1K±5%

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
R41		SMT RESISTOR	0603	1	1.5K±5%
R42		SMT RESISTOR	0805	1	1K±5%
R43		SMT RESISTOR	0805	1	NO USE
R44		SMT RESISTOR	1206	1	330R±5%
R45		SMT RESISTOR	0603	1	2.2K±5%
R46-R49		SMT RESISTOR	0603	4	220K±5%
R50		SMT RESISTOR	0603	1	270K±5%
R51-R55		SMT RESISTOR	0603	5	220K±5%
R56-R60		SMT RESISTOR	0603	5	33K±5%
R61-R63		SMT RESISTOR	0603	3	2.2K±5%
R64		SMT RESISTOR	0603	1	2.4K±5%
R65		SMT RESISTOR	0603	1	2.2K±5%
R66		SMT RESISTOR	0603	1	1.8K±5%
R67		SMT RESISTOR	0603	1	3.3K±5%
R68		SMT RESISTOR	0603	1	2.2K±5%
R69-R73		SMT RESISTOR	0603	5	560R±5%
R74		SMT RESISTOR	1206	1	560R±5%
R75		SMT RESISTOR	0603	1	3.9K±5%
R76		SMT RESISTOR	0603	1	1.5K±5%
R77-R78		SMT RESISTOR	0603	2	680R±5%
R79-R84		SMT RESISTOR	0603	6	220R±5%
R85		SMT RESISTOR	0805	1	560R±5%
R86		SMT RESISTOR	0603	1	27R±5%
R87-R88		SMT RESISTOR	0603	2	68R±5%
R89-R94		SMT RESISTOR	0603	6	6.8K±5%
R95-R98		SMT RESISTOR	0603	4	270R±5%
R99		SMT RESISTOR	0603	1	1.2K±5%
R100-R107		SMT RESISTOR	0603	8	100R±5%

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
R108		SMT RESISTOR	0603	1	1.2K±5%
R109		SMT RESISTOR	0805	1	0R±5%
R110		SMT RESISTOR	0603	1	1.2K±5%
R111		SMT RESISTOR	0603	1	150R±5%
R112		SMT RESISTOR	0603	1	330R±5%
R113		SMT RESISTOR	0603	1	100R±5%
R115		SMT RESISTOR	0805	1	1K±5%
R119		SMT RESISTOR	0603	1	2.4K±5%
R120		SMT RESISTOR	0603	1	NOUSE
R121-R123		SMT RESISTOR	0603	3	150R±5%
R124		SMT RESISTOR	0603	1	1K±5%
R125		SMT RESISTOR	0603	1	220R±5%
R126		SMT RESISTOR	0603	1	150R±5%
R127		SMT RESISTOR	0603	1	56R±5%
R128-R133		SMT RESISTOR	0603	6	5.6K±5%
R134		SMT RESISTOR	0603	1	10K±5%
R135		SMT RESISTOR	0603	1	3.9K±5%
R136-R138		SMT RESISTOR	0603	3	5.6K±5%
R139		SMT RESISTOR	0603	1	270R±5%
R140		SMT RESISTOR	0603	1	15R±5%
R141		SMT RESISTOR	0603	1	5.6K±5%
R142		SMT RESISTOR	0805	1	5.6K±5%
R143-R145		SMT RESISTOR	0603	3	1.5K±5%
R146		SMT RESISTOR	0805	1	1.5K±5%
R147		SMT RESISTOR	0603	1	390R±5%
R148-R150		SMT RESISTOR	0603	3	180R±5%
R151-R157		SMT RESISTOR	0603	7	470R±5%
R158-R160		SMT RESISTOR	0603	3	4.7K±5%



## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
R161		SMT RESISTOR	0603	1	3.9K±5%
R162		SMT RESISTOR	0603	1	2.2K±5%
R163		SMT RESISTOR	0603	1	27K±5%
R164-R165		SMT RESISTOR	0603	2	3.9K±5%
R164-R166		SMT RESISTOR	0603	3	1K±5%
R167-R168		SMT RESISTOR	0603	2	22R±5%
R169		SMT RESISTOR	0603	1	10R±5%
R170-R171		SMT RESISTOR	0603	2	0R±5%
R172		SMT RESISTOR	0603	1	33K±5%
R173		SMT RESISTOR	0603	1	15R±5%
R174		SMT RESISTOR	0603	1	3.3K±5%
R175		SMT RESISTOR	0603	1	680R±5%
R176-R178		SMT RESISTOR	0603	3	47K±5%
R179		SMT RESISTOR	0603	1	33K±5%
R180-R181		SMT RESISTOR	0603	2	47K±5%
R183		SMT RESISTOR	0805	1	1K±5%
R184		SMT RESISTOR	0603	1	3.9K±5%
R185		SMT RESISTOR	0603	1	47K±5%
R186-R187		SMT RESISTOR	0603	2	10R±5%
R188		SMT RESISTOR	0603	1	82K±5%
R189		SMT RESISTOR	0603	1	3.9K±5%
R190		SMT RESISTOR	0603	1	10R±5%
R191		SMT RESISTOR	1206	1	15R±5%
R192		SMT RESISTOR	0603	1	47R±5%
R193-R197		SMT RESISTOR	0603	5	22K±5%
R198		SMT RESISTOR	0603	1	100K±5%
R200		SMT RESISTOR	0603	1	82K±5%
R201-R206		SMT RESISTOR	0603	6	100K±5%

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
R207		SMT RESISTOR	0603	1	270K±5%
R208		SMT RESISTOR	0603	1	560K±5%
R209		SMT RESISTOR	0603	1	100K±5%
R210		SMT RESISTOR	1206	1	2.2K±5%
R211		SMT RESISTOR	0805	1	1K±5%
R212		SMT RESISTOR	0805	1	330K±5%
R213		SMT RESISTOR	0603	1	2.2M±5%
R214		SMT RESISTOR	0603	1	68K±5%
R215		SMT RESISTOR	0603	1	680R±5%
R216		SMT RESISTOR	0603	1	1.5K±5%
R217		SMT RESISTOR	0603	1	1K±5%
R219		SMT RESISTOR	0603	1	390K±5%
R222		SMT RESISTOR	0603	1	4.7K±5%
R225-R226		SMT RESISTOR	0603	2	3.3K±5%
R227		SMT RESISTOR	0603	1	3.9K±5%
R228-R229		SMT RESISTOR	0603	2	4.7K±5%
R230		SMT RESISTOR	0805	1	3.3K±5%
R231-R233		SMT RESISTOR	0603	3	330R±5%
R234		SMT RESISTOR	0603	1	120K±5%
R235-R237		SMT RESISTOR	0603	3	330R±5%
R238		SMT RESISTOR	0603	1	10K±5%
R239		SMT RESISTOR	0603	1	4.7K±5%
R240		SMT RESISTOR	0603	1	47K±5%
R241		SMT RESISTOR	0603	1	82R±5%
R242		SMT RESISTOR	0603	1	100R±5%
R245-R248		SMT RESISTOR	0603	3	470K±5%
R249		SMT RESISTOR	0603	1	1K±5%
R250		SMT RESISTOR	0603	1	680K±5%

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
R252		SMT RESISTOR	0603	1	12K±5%
R253		SMT RESISTOR	0603	1	10K±5%
R255		SMT RESISTOR	0603	1	33K±5%
R256		SMT RESISTOR	0805	1	33K±5%
R257		SMT RESISTOR	0603	1	1M±5%
R258		SMT RESISTOR	0603	1	2.7K±5%
R259		SMT RESISTOR	0603	1	560R±5%
R260		SMT RESISTOR	2010	1	0R±5%
R266		SMT RESISTOR	0603	1	1.5M±5%
R268		SMT RESISTOR	0603	1	39K±5%
R269		SMT RESISTOR	0805	1	820R±5%
R270		SMT RESISTOR	0603	1	47R±5%
R271		SMT RESISTOR	0805	1	2.2R±5%
R272		SMT RESISTOR	0805	1	1K±5%
R273		SMT RESISTOR	1206	1	5.6R±5%
R274		SMT RESISTOR	0603	1	10R±5%
R275		SMT RESISTOR	0603	1	8.2K±5%
R276		SMT RESISTOR	0603	1	10K±5%
R279		SMT RESISTOR	0603	1	220R±5%
R280		SMT RESISTOR	0603	1	680R±5%
R281		SMT RESISTOR	0603	1	6.8K±5%
R291		SMT RESISTOR	0805	1	56R±5%
R292		SMT RESISTOR	0805	1	4.7R±5%
R300		SMT RESISTOR	0603	1	4.7K±5%
R301		SMT RESISTOR	0603	1	220R±5%
R302		SMT RESISTOR	0603	1	100R±5%
R304-R305		SMT RESISTOR	0603	2	22R±5%
R306		SMT RESISTOR	0603	1	10K±5%

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
R307		SMT RESISTOR	0603	1	3.9K±5%
R308		SMT RESISTOR	0603	1	0R±5%
R309		SMT RESISTOR	0603	1	1K±5%
R310		SMT RESISTOR	0603	1	560R±5%
R311		SMT RESISTOR	0603	1	100K±5%
R312		SMT RESISTOR	0603	1	470R±5%
R313		SMT RESISTOR	0603	1	150K±5%
R314		SMT RESISTOR	0603	1	100R±5%
R315		SMT RESISTOR	0603	1	100K±5%
R316-R317		SMT RESISTOR	0805	2	1K±5%
R318		SMT RESISTOR	0603	1	390R±5%
R319		SMT RESISTOR	0603	1	47K±5%
R320		SMT RESISTOR	0603	1	1K±5%
R322		SMT RESISTOR	0603	1	220R±5%
R323		SMT RESISTOR	0603	1	56K±5%
R324		SMT RESISTOR	0603	1	150K±5%
R325		SMT RESISTOR	0603	1	4.7K±5%
R326		SMT RESISTOR	0805	1	10K±5%
R327		SMT RESISTOR	0603	1	120K±5%
R500-R501		SMT RESISTOR	0603	2	2.2K±5%
R502		SMT RESISTOR	0603	1	6.8K±5%
R503		SMT RESISTOR	0603	1	22K±5%
R504-R506		SMT RESISTOR	0603	3	15K±5%
R507-R509		SMT RESISTOR	0603	3	1.5K±5%
R510		SMT RESISTOR	0603	1	2.2K±5%
R511-R517		SMT RESISTOR	0603	7	220K±5%
R518		SMT RESISTOR	0603	1	150R±5%
R519		SMT RESISTOR	0603	1	10K±5%

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
R520		SMT RESISTOR	0603	1	820R±5%
R521		SMT RESISTOR	0603	1	560K±5%
R522-R523		SMT RESISTOR	0603	2	5.6K±5%
R524		SMT RESISTOR	0603	1	33K±5%
R525-R533		SMT RESISTOR	0603	9	1K±5%
R534		SMT RESISTOR	0603	1	12K±5%
R535		SMT RESISTOR	0603	1	1K±5%
R536-R537		SMT RESISTOR	0805	2	1K±5%
R538-R539		SMT RESISTOR	0603	2	1K±5%
R540-R541		SMT RESISTOR	0603	2	560R±5%
R542		SMT RESISTOR	0603	1	220R±5%
R543		SMT RESISTOR	0603	1	1K±5%
R544		SMT RESISTOR	0603	1	560R±5%
R545		SMT RESISTOR	0603	1	2.2K±5%
R546		SMT RESISTOR	0603	1	56K±5%
R547		SMT RESISTOR	0603	1	39K±5%
R548		SMT RESISTOR	0603	1	4.7K±5%
R549		SMT RESISTOR	0603	1	10K±5%
R550		SMT RESISTOR	0603	1	33K±5%
R551-R552		SMT RESISTOR	0603	2	4.7K±5%
R553		SMT RESISTOR	0603	1	10K±5%
R554-R557		SMT RESISTOR	0603	4	33K±5%
R558-R562		SMT RESISTOR	0603	5	220R±5%
R563-R564		SMT RESISTOR	0603	2	12K±5%
R565		SMT RESISTOR	0603	1	15K±5%
R566		SMT RESISTOR	0603	1	56K±5%
R567		SMT RESISTOR	0603	1	33K±5%
R568-R569		SMT RESISTOR	0603	2	10K±5%

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
R570		SMT RESISTOR	0603	1	3.3K±5%
R571-R572		SMT RESISTOR	0603	2	0R±5%
R573-R576		SMT RESISTOR	0603	3	10K±5%
R577		SMT RESISTOR	0603	1	68K±5%
R578-R579		SMT RESISTOR	0603	2	10K±5%
R580		SMT RESISTOR	0603	1	100K±5%
R581-R585		SMT RESISTOR	0603	5	10K±5%
R586-R589		SMT RESISTOR	0603	4	100K±5%
R591		SMT RESISTOR	0603	1	10K±5%
R592		SMT RESISTOR	0603	1	100K±5%
R593		SMT RESISTOR	0603	1	100R±5%
R594		SMT RESISTOR	0603	1	100K±5%
R595		SMT RESISTOR	0603	1	0R±5%
R596		SMT RESISTOR	0603	1	100K±5%
R597		SMT RESISTOR	0603	1	220R±5%
R598		SMT RESISTOR	0603	1	100K±5%
R599		SMT RESISTOR	0603	1	47K±5%
R600		SMT RESISTOR	0603	1	100R±5%
R601		SMT RESISTOR	0603	1	47K±5%
R602		SMT RESISTOR	0603	1	4.7K±5%
R603-R604		SMT RESISTOR	0805	2	47K±5%
R605		SMT RESISTOR	0603	1	4.7K±5%
R607		SMT RESISTOR	0603	1	68K±5%
R608-R609		SMT RESISTOR	0603	2	100R±5%
R610		SMT RESISTOR	0603	1	120R±5%
R611		SMT RESISTOR	0603	1	270R±5%
R612		SMT RESISTOR	0603	1	10R±5%
R613		SMT RESISTOR	0603	1	1.2K±5%

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
R614		SMT RESISTOR	0603	1	10K±5%
R615		SMT RESISTOR	0603	1	8.2K±5%
R617		SMT RESISTOR	0603	1	68K±5%
R618		SMT RESISTOR	0603	1	NOUSE
R619		SMT RESISTOR	0603	1	100K±5%
R621		SMT RESISTOR	0603	1	100K±5%
R622		SMT RESISTOR	0603	1	100R±5%
R623		SMT RESISTOR	0603	1	220R±5%
R624		SMT RESISTOR	0603	1	10K±5%
R625		SMT RESISTOR	0603	1	33R±5%
R626-R627		SMT RESISTOR	0603	2	1K±5%
R630		SMT RESISTOR	0603	1	10K±5%
R640		SMT RESISTOR	0603	1	15K±5%
R641		SMT RESISTOR	0603	1	12K±5%
R645		SMT RESISTOR	0603	1	10K±5%
R653-R654		SMT RESISTOR	0603	2	1K±5%
R655-R656		SMT RESISTOR	0603	2	10K±5%
R657		SMT RESISTOR	0603	1	1K±5%
R658-R659		SMT RESISTOR	0603	2	12K±5%
R660-R661		SMT RESISTOR	0603	2	56K±5%
R900		SMT RESISTOR	0603	1	15K±5%
R901		SMT RESISTOR	0603	1	1.8K±5%
R902-R906		SMT RESISTOR	0603	5	1K±5%
R907		SMT RESISTOR	0603	1	680R±5%
R908-R909		SMT RESISTOR	0603	2	1K±5%
R910-R911		SMT RESISTOR	0603	2	2.2K±5%
R912-R916		SMT RESISTOR	0603	5	15K±5%
R917		SMT RESISTOR	0603	1	100R±5%

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
R918		SMT RESISTOR	0603	1	1K±5%
R919		SMT RESISTOR	0603	1	15K±5%
R920		SMT RESISTOR	0603	1	10K±5%
R921		SMT RESISTOR	0603	1	1K±5%
R922		SMT RESISTOR	0603	1	1M±5%
R923		SMT RESISTOR	0603	1	1K±5%
R926		SMT RESISTOR	0603	1	56K±5%
R934		SMT RESISTOR	0603	1	220K±5%
R939		SMT RESISTOR	0603	1	3.3K±5%
R940		SMT RESISTOR	0603	1	15K±5%
R941		SMT RESISTOR	0603	1	1K±5%
R950		SMT RESISTOR	0603	1	0R±5%
RP300		SMT RESISTOR ARRAY	4D03	1	1K×4
D1-D2		SMT DIODE	0805	2	HVC131
D3		SMT ZENER DIODE	0603	1	4.7V
D4-D7		SMT DIODE	SOT-23	5	1SS184
D8-D9		SMT DIODE	0603	2	JDV2S14E
D10		SMT CAPACITOR	0603	1	11P±1% 50V
D11		SMT VARIABLE CAPACITANCE DIODE	0603	1	JDV2S14E
D12		SMT VARIABLE CAPACITANCE DIODE	0805	1	HVU307
D13		SMT VARIABLE CAPACITANCE DIODE	0603	1	JDV2S14E
D14-D16		SMT VARIABLE CAPACITANCE DIODE	0805	3	HVU307
D17		SMT DIODE	0603	1	1N4148
D18-D29		SMT DIODE	0603	12	KDS160E
D30-D32		SMT DIODE	SOT-23	3	HSM88AS
D33-D34		SMT DIODE	SOT-23	2	PMBD353
D37		SMT DIODE	0805	1	MA2J728
D38		SMT DIODE	0603	1	KDS160E



## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
D39-D40		SMT RESISTOR	0805	2	1N4148
D41		SMT DIODE	0603	1	KDS160E
D42-D45		SMT DIODE	SOD-80	4	LL4148
D46		SMT DIODE	0603	1	KDS160E
D47		SMT DIODE	SOT-23	1	MA28TA
D48-D49		SMT DIODE	0603	2	KDS160E
D50		SMT DIODE	SOT-23	1	NOUSE
D51		SMT RESISTOR	0603	1	0R±5%
D52		SMT DIODE	0603	1	1SS400
D53-D54		SMT RESISTOR	0603	2	1N4148
D55		SMT DIODE	SOT-23	1	DB3J314FOL
D56		SMT RESISTOR	0603	1	0R±5%
D57		SMT DIODE	SOT-23	1	DB3J314FOL
D58		SMT DIODE	SOD-80	1	LL4148
D300		SMT DIODE	0603	1	1SS400
D301-D302		SMT VARIABLE CAPACITANCE DIODE	0603	2	JDV2S14E
D303		SMT DIODE	0603	1	1SS400
D305		SMT VARIABLE CAPACITANCE DIODE	0805	1	1SV214
D500		SMT DIODE	0603	1	KDS160E
D501		SMT ZENER DIODE	0603	1	5.1V
D502-D504		SMT DIODE	0603	3	KDS160E
D505		SMT ZENER DIODE	0603	1	3.0V
D506-D507		SMT VARIABLE CAPACITANCE DIODE	0603	2	JDV2S14E
D508-D513		SMT DIODE	SOT-23	6	1SS184
D514-D515		DIP DIODE		2	SB360
D518		SMT VARIABLE CAPACITANCE DIODE	0603	1	1SV283
D519-D522		SMT ZENER DIODE	0603	1	5.1V
Q1-Q15		SMT TRANSISTOR	SOT-23	15	2SC2714

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
Q16		SMT DIGITAL TRANSISTOR	EMT3	1	DTA114YE
Q17-Q18		SMT FET	SOT-23	2	2SK210
Q19		SMT TRANSISTOR	SOT-23	4	2SD1048
Q20		SMT DIGITAL TRANSISTOR	EMT3	1	DTC143ZE
Q21-Q22		SMT TRANSISTOR	SOT-23	2	2SD1048
Q23-Q24		SMT DIGITAL TRANSISTOR	EMT3	2	DTC143ZE
Q25		SMT DIGITAL TRANSISTOR	EMT3	1	DTC143ZKA
Q26-Q31		SMT DIGITAL TRANSISTOR	EMT3	6	DTC143ZE
Q32-Q33		SMT TRANSISTOR	SOT-23	2	2SC2412K
Q34-Q36		SMT DIGITAL TRANSISTOR	EMT3	3	DTC143ZE
Q38-Q41		SMT TRANSISTOR	SOT-23	4	2SC2412K
Q42		SMT TRANSISTOR	SOT-23	1	2SA1235A
Q43		SMT TRANSISTOR	SC-59	1	2SC2712
Q44		SMT DIGITAL TRANSISTOR	EMT3	1	DTC143ZE
Q45-Q47		DIP FET	TO-220	1	IRF520
Q48		SMT TRANSISTOR	SOT-23	1	2SA1235
Q49		DIP TRANSISTOR	TO126	1	2SC2314
Q50		SMT TRANSISTOR	SC-59	1	2SA1298
Q51		DIP TRANSISTOR	TO-92	1	2SC941TM
Q52-Q53		SMT TRANSISTOR	SC-59	2	2SC2712
Q54		SMT TRANSISTOR	SOT-89	1	2SB798
Q55		DIP TRANSISTOR	TO-247	1	TIP36C
Q56-Q57		SMT DIGITAL TRANSISTOR	EMT3	2	DTC143ZE
Q58		SMT DIGITAL TRANSISTOR	EMT3	1	DTC143ZKA
Q300		SMT TRANSISTOR	SC-70	1	2SC4617
Q301		SMT FET	SOT-23	1	2SK1875
Q302-Q303		SMT TRANSISTOR	SC-70	2	2SC4226(R24)
Q304		SMT TRANSISTOR	SC-70	1	2SC4617

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
Q305		SMT TRANSISTOR	SOT-23	1	2SC2714
Q500-Q502		SMT DIGITAL TRANSISTOR	EMT3	3	DTC143ZE
Q503		SMT DIGITAL TRANSISTOR	EMT3	1	DTC143ZKA
Q505		SMT DIGITAL TRANSISTOR	EMT3	1	DTC143ZE
Q506-Q510		SMT DIGITAL TRANSISTOR	EMT3	5	DTC143ZKA
Q511		SMT TRANSISTOR	SOT-23	1	2SA1235
Q512-Q513		SMT TRANSISTOR	SOT-23	2	2SD1048
Q514-Q516		SMT DIGITAL TRANSISTOR	EMT3	1	DTC143ZE
Q517		SMT TRANSISTOR	SOT-23	1	2SC2412K
Q518		SMT DIGITAL TRANSISTOR	EMT3	1	DTC143ZE
Q519-Q520		SMT TRANSISTOR	SOT-23	3	2SC2714
Q521		SMT DIGITAL TRANSISTOR	EMT3	1	DTC143E
Q522		SMT DIGITAL TRANSISTOR	EMT3	1	DTA114YE
Q523		SMT TRANSISTOR	SC-70	1	2SC4082
Q526-Q528		SMT DIGITAL TRANSISTOR	SOT-23	3	DTA114YKA
Q529-Q530		SMT TRANSISTOR	SOT-89	2	2SB1132
Q904		SMT DIGITAL TRANSISTOR	SOT-23	1	DTA114YKA
Q906		SMT DIGITAL TRANSISTOR	EMT3	5	DTC143ZKA
IC1		DIP IC	TO-220	1	TDA2003V
U1		SMT IC	SOP-14	1	LM324
U2		SMT IC	SSOP16	1	TA31136FN
U300		SMT IC	SSOP8-P	1	UPB1509GV
U301		SMT AVR	SOT-25	1	TJ5205SF-50
U302		SMT IC	SSOP-24L	1	LMX2352
U500-U501		SMT IC	SOP-8	2	NJM4558M
U502		DIP AVR	TO-92	1	78L05BP
U503		SMT IC	DMP-8	1	NJM2594M
U504		SMT IC	SOP-8	1	24C64

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
U505		SMT IC	SQFP-64	1	R5F212A8SNFP
U506		DIP AVR	TO-220	1	L7808CV
U510		SMT IC	SOP-8	1	LM358M
U900-U901		SMT IC	SOT363	2	BL1551
U902		DIP IC	TO92L-213	1	78L05BP
U903		SMT IC	SOL-16	1	TP5299
U904		SMT IC	SSOP24-P	1	M62364F
U905		SMT IC	SOT-363	1	BL1551
U906		SMT IC	SOT-25	1	AN6123
L1		SMT SMALL FIXED INDUCTOR	0603	1	10uH
L2		SMT RESISTOR	0603	1	0R
L3-L5		SMT SMALL FIXED INDUCTOR	0603	3	10uH
L6		SMT SMALL FIXED INDUCTOR	0603	1	33uH
L10		FERRITE BEAD		1	WBRH-35908
L11		FERRITE BEAD		1	DK3*5*1
L14		FERRITE BEAD		1	WBRH-35908
L15		FERRITE BEAD		1	7.5TR
L16		AIR-CORE COIL		1	4.5TR
L17		AIR-CORE COIL		1	3.5TR
L18		AIR-CORE COIL		1	4.5TR
L19		AIR-CORE COIL		1	6.5TR
L20		AIR-CORE COIL		1	3.5TR*2
L21		DIP LGA TYPE COLOR CODE INDUCTOR	1/4W	1	0.33uH
L22		SMT SMALL FIXED INDUCTOR	0603	1	4.7uH
L23		SMT SMALL FIXED INDUCTOR	0603	1	100nH
L24		SMT SMALL FIXED INDUCTOR	0603	1	1.8uH
L25-L26		DBM TRANSFORMER		2	SB0403TL-3330
L27		FERRITE BEAD		1	WBRH-35908

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
L31		SMT WIRE WOUND INDUCTOR	2520	1	100uH
L32		SWR		1	SWRIND
L33		FERRITE BEAD		1	H1.2*8.0*7.5TR
L34		SMT WIRE WOUND INDUCTOR	2520	1	100uH
L300-L301		SMT FERRITE BEAD (BLACK)	0603	2	271T
L302		SMT RESISTOR	0603	1	4.7K±5%
L303		SMT FERRITE BEAD (BLACK)	0603	1	271T
L304		SMT SMALL FIXED INDUCTOR	0603	1	120nH
L305		SMT SMALL FIXED INDUCTOR	0603	1	10uH
L306		SMT SMALL FIXED INDUCTOR	0603	1	220nH
L307		SMT WIRE WOUND INDUCTOR	2520	1	820nH
L308		SMT WIRE WOUND INDUCTOR	2520	1	1.5uH
L309		SMT WIRE WOUND INDUCTOR	2520	1	56nH
L310		SMT FERRITE BEAD (BLACK)	0603	1	271T
L311		SMT SMALL FIXED INDUCTOR	0603	1	10uH
L312		SMT FERRITE BEAD (BLACK)	0603	1	271T
L313		SMT WIRE WOUND INDUCTOR	2520	1	3.3uH
L314		SMT WIRE WOUND INDUCTOR	2520	1	680nH
L500- L502		SMT FERRITE BEAD (BLACK)	0603	3	271T
L503		SMT FERRITE BEAD (BLACK)	0603	1	1.5uH
L505		SMT FERRITE BEAD (BLACK)	0603	1	271T
L506		TRANSFORMER(CHOKE)		1	VCC-L(0.55)
L507		FERRITE BEAD		1	TSK13.3*15*3.8
L508		SMT SMALL FIXED INDUCTOR	2520	1	1.5uH
L509		SMT SMALL FIXED INDUCTOR	2520	1	12uH
L514-L515		SMT FERRITE BEAD (BLACK)	0603	2	271T
L900		SMT SMALL FIXED INDUCTOR	0603	1	10uH
CB1		DIP CRYSTAL FILTER		1	10.695MHZ

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
CF1		DIP CERAMIC FILTER		1	CF455H
CF2		CRYSTAL FILTER		1	10M04DS
J1		CONNECTOR	SIP2-2.54mm	1	SP
J2		RIBBON WIRE	SMD-2.0	1	CON6
J500		PITCH BAR CONNECTOR	SIP4-1.27	1	CON4
J501		PITCH BAR CONNECTOR	SIP4-2.0mm	1	CON2
J503-J504		PITCH BAR CONNECTOR	SIP4-2.0mm	2	CON4
J505		SMT PITCH FPC CONNECTOR		1	1.0-15-20PB
J505A		FPC FLEXIBLE FLAT CABLE		1	FFC-A-1.0-20-70
J506		MUSB		1	MUSB
J901		PITCH BAR CONNECTOR	SIP10-2.0mm	1	CON10
J902		PITCH BAR CONNECTOR	SIP6-2.0mm	1	CON6
JK1- JK500		JACK	SK-3.5	2	EX SP
W2-W5		SMT VARIOUS RESISTOR	3×3	4	10K
W6		SMT VARIOUS RESISTOR	3×3	1	2K
W7		SMT VARIOUS RESISTOR	3×3	1	3K
W9		SMT VARIOUS RESISTOR	3×3	1	100K
W10		SMT VARIOUS RESISTOR	3×3	1	1K
W11		SMT VARIOUS RESISTOR	3×3	1	5K
W13		SMT VARIOUS RESISTOR	3×3	1	20K
W14		SMT VARIOUS RESISTOR	3×3	1	NO USE
W500-W502		SMT VARIOUS RESISTOR	3×3	3	5K
T1		COIL IFT		1	1268
T2		COIL IFT		1	1237
T3		COIL IFT		1	1239
T4-T5		COIL IFT		2	1266
T6		COIL IFT		1	1252
T7		COIL IFT		1	1271

## PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
T8		COIL IFT		1	1269
T9		COIL IFT		1	1272
T10		COIL IFT		1	1275
T11		COIL IFT		1	1273
T12		COIL IFT		1	1272
T13-T14		COIL IFT		2	1268
T500		COIL IFT		1	7.4*7.4*12
TC10		SMT VARIOUS CAPACITOR	2×3	1	10P
X500		DIP CRYSTAL	49S	1	19.200MHZ
Y1		SMT CERAMIC FILTER		1	C24(455)
Y300		DIP CRYSTAL	49S	1	10.24MHZ
Y500		DIP CRYSTAL	49S	1	10.6975MHZ

## BACK LIGHT DRIVE UNIT

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
C1		SMT CAPACITOR	0603	1	103±10% 50V
C2		SMT CAPACITOR	0603	1	104±10% 50V
C3-C6		SMT CAPACITOR	0603	3	103±10% 50V
C9		SMT CAPACITOR	0603	1	473±10% 50V
E1		DIP ELECTRO	5×12	1	100uF/16V
E2-E3		DIP ELECTRO	6.3×12	2	220uF/16V
E4		DIP ELECTRO	5×12	1	47uF/16V
E5		DIP ELECTRO	5×12	1	100uF/16V
D1		SMT ZENER DIODE	0603	1	5.0V
D2		SMT DIODE	SOD-80	1	LL4148
R1		SMT RESISTOR	0603	1	39K±5%
R2		SMT RESISTOR	0603	1	47K±5%

