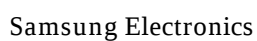


8-1 P.C.B Diagrams



8-2 P.C.B Parts List

G2638CR/BWT

Part Code	Description	Specification	Q'ty	Remark
3501-001062	RELAY-POWER	24VDC,523.2mW,16A,1FormA,15mS,	1	RY02
3501-001068	RELAY-POWER	24Vdc,523mW,16A,1FormA,15mS,10	1	RY04
3501-001155	RELAY-MINIATURE	24VDC,200MW,3000MA,1FORMA,10MS,10M	2	RY01,03
3601-001126	FUSE-CARTRIDGE	250V,1.6A,FAST-ACTING,CERAMIC,5x20mm	1	FUSE
3708-001510	CONNECTOR-FPC/FC/PIC	14P,1.25mm,STRAIGHT,SN	1	CN03
DE07-10081A	V.F.DISPLAY	SVM-4SM03,GRN/RSHORG,4,51,81.7	1	VFD1
DE09-00071A	IC MICOM	TMP87PM74F,OTP-32K,QFP 8BIT-80PIN,-,-,-	1	IC01
DE26-20141A	TRANS-L.V	SLV-945E,230V,50HZ,AC17/2.9V,-	1	LVT1
DE30-20016A	BUZZER	CBE2220BA,STICK,-,-,-,-,-,-,-	1	BUZ1
DE47-40024A	HOLDER-FUSE	FH-51H,7.5A,-,-,-,-,-	1	FUSE
DE61-90004A	HOLDER-DIGITRON	NYLON#66,1.5,85,36,8GR,BLK,-,-	1	-
DE92-00383A	ASSY PCB AUTO	-,VFD,RC-22EURO-01,CE2933R-22,-,-,-	1	-
0401-001083	DIODE-SWITCHING	MM4148,100V,150MA,LL-34,TP	7	D05~11
0402-001103	DIODE-RECTIFIER	1T4,400V,1A,TS-1,TP	4	D01~04
0403-001288	DIODE-ZENER	ZMM55C5V1,4.8-5.4V,500MW,LL-34,TP	3	ZD01~03
0501-000465	TR-SMALL SIGNAL	MMBT3904,NPN,225mW,SOT-23,TP,3	1	TR01
0504-000130	TR-DIGITAL	KSR1105TF,NPN,200MW,4.7K/10K,SOT-23,T	9	TR02~04,06~11
0504-000159	TR-DIGITAL	KSR2105,PNP,200MW,4.7K/10K,SOT-23,TP	1	TR05
1202-000141	IC-VOLTAGE COMP.	7033,SOT-89,3P,-,SINGLE,0V,-,P	1	IC02
1404-001194	THERMISTOR-PTC	39ohm,20%,220/240V,270Vac,1.2A,-,TP	1	PTC1
2001-001077	R-CARBON(S)	150OHM,5%,1/2W,AA,TP,2.4X6.4MM	3	R01~03
2007-000033	R-CHIP	0OHM,5%,1/8W,DA,TP,3216	1	J07
2007-000282	R-CHIP	100KOHM,5%,1/10W,DA,TP,2012	1	R26
2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,2012	5	R11,13,14,17,25
2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	5	R06,07,09,10,15
2007-000572	R-CHIP	220OHM,5%,1/10W,DA,TP,2012	1	R16
2007-000671	R-CHIP	2KOHM,5%,1/10W,DA,TP,2012	3	R08,19,27
2007-000931	R-CHIP	470OHM,5%,1/10W,DA,TP,2012	4	R04,05,12,18
2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	5	R20~24
2203-000444	C-CERAMIC,CHIP	1nF,10%,50V,X7R,TP,2012,-	7	C13~19
2203-000555	C-CERAMIC,CHIP	0.02nF,5%,50V,NP0,TP,2012	2	C20,21
2203-001608	C-CERAMIC,CHIP	22nF,+80-20%,50V,Y5V,TP,2012	6	C09~12,22,23
2401-000244	C-AL	100uF,20%,10V,GP,TP,6.3x7,5	1	C03
2401-000466	C-AL	10uF,20%,35V,GP,TP,5x7,5	1	C07
2401-000914	C-AL	22uF,20%,16V,GP,TP,5x11,5	2	C04,06
2401-001415	C-AL	470uF,20%,35V,GP,TP,10x20,5	1	C01
2401-001573	C-AL	47uF,20%,50V,GP,TP,6.3x11,2.5	1	C02
2401-002075	C-AL	4.7uF,20%,50V,GP,TP,5x11,5	1	C05
2801-003933	CRYSTAL-UNIT	8MHz,50ppm,28-AAA,12pF,70ohm,TP	1	XTL1
3711-000881	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,STRAIGHT,SN	1	CN02
3711-004200	CONNECTOR-HEADER	BOX,5P/7P,1R,2.5MM,STRAIGHT,SN	1	CN01
DE39-60001A	WIRE-SO COPPER	PI0.6,SN,T,52MM,TAPING_WIRE,-,	5	J01~05
DE41-00107A	P.C.B-MAIN	FR-1,RC-22EURO,CE2933-22	1	-
DE60-60012A	PIN-EYELET	ID2.1,OD2.5,L3.0,SN,BSP,T0.25,	2	-