

GX1255S COMPONENT APPLICATIONS

Address	Device name	Description	Application
[RF-UNIT]			
D 1001	Diode	1N5402	Reverse Voltage Protection
D 1002	Diode	1SS321	Power Detector
D 1003	Diode	XB15A308	Antenna Switch
D 1004	Diode	XB15A308	Antenna Switch
D 1005	Diode	1SS302	RF Over Input Protection
D 1006	Diode	DAN235U	Tx/Rx RF Switch
D 1007	Diode	MC2848	Tx H/L Switch
D 1010	Varactor Diode	1SV214	Tx Modulation
D 1011	Varactor Diode	HVU350	VCO
D 1012	Varactor Diode	HVU350	VCO
D 1013	Zener Diode	HZM5.6NB2	RX 5V Regulator
Q 1001	IC	RA35H1516M-01	RF Power MODULE
Q 1002	IC	NJM7808FA	8V Regulator
Q 1003	IC	NJM78M05DL1A	5V Regulator
Q 1004	Transistor	2SA1602A	DC AMP
Q 1005	IC	RT1N441U	Tx Mute Switch
Q 1006	IC	DTB123EK	Tx 8V Switch
Q 1007	Transistor	2SA1602A	Rx 8V Switch
Q 1008	Transistor	2SC4154E	DC AMP
Q 1009	IC	RT1N441U	Tx 8V Switch
Q 1010	IC	RT1N441U	Rx 8V Switch
Q 1011	Transistor	2SC3357	Buff AMP
Q 1012	Transistor	2SA1602A	APC AMP
Q 1014	Transistor	2SC5006	RF AMP
Q 1015	Transistor	2SC4154E	Ripple Filter
Q 1017	IC	LV2105V	PLL Subsystem
Q 1018	FET	3SK320	Mixer
Q 1019	Transistor	2SC5006	VCO Buff AMP
Q 1020	FET	2SK210GR	VCO
Q 1022	Transistor	2SC4400	IF AMP
Q 1023	IC	RT1N441U	Moduration Switch
Q 1024	IC	TA31136FN	IF Subsystem
Q 1025	Transistor	2SC4154E	AF AMP
Q 1026	Transistor	2SC4154E	AF AMP
Q 1027	IC	TC4S66F	AF Mute Switch
Q 1028	IC	NJM12902V	MIC AMP, Limitter, Low Pass Filter, AF Comparator
Q 1029	Transistor	RT1N241M	AF Mute Switch
Q 1030	IC	TC4S66F	MIC Mute Switch
Q 1031	IC	LA4425A	AF Power AMP
Q 1032	IC	NJM2211M	FSK Decoder
Q 1033	IC	2SC3120	VCO Tx/Rx Switch
[PANEL-UNIT]			
D 2001	Diode	MC2850	Protector
D 2002	Diode	1SS355	Protector
D 2003	LED	AA1111C	Back Light LED
D 2004	LED	AA1111C	Back Light LED
D 2005	LED	AA1111C	Back Light LED
D 2006	LED	AA1111C	Back Light LED
D 2007	LED	AA1111C	Back Light LED
Q 2001	IC	TLP281	Detector
Q 2002	IC	RT1N241M	Comparator
Q 2003	IC	RT1N241M	Comparator
Q 2004	IC	M37560	CPU
Q 2005	IC	PST597CN	Reset
Q 2007	IC	BR24C32F	Memory
Q 2008	Transistor	2SC4154E	Lamp Switch
Q 2009	Transistor	CHP6102	DC AMP