

SEMICONDUCTOR DESIGNATIONS AND FUNCTIONS

GXT720

Designator	Description	Application
CPU1	TMP86CH21	Micro controller
D1	KDS114E	TX,RX switch
D2	KDS120	Charger Switch
D3	KDS112	VCO Switch
D4	KDV154B	WX VCO
D5	KDS114E	Charger protector
D6	KDS114E	PA temp.
D13	KDS114E	TX,RX switch
D301	KDS114E	VCO TX,RX switch
D302	KDV154B	GMRS VCO
D303	KDV154B	GMRS VCO
IC2	LM358	OP Amp.
IC7	AN29160	IC AN29160(ONE CHIP)
LED1	SML210MT	LED for backlit
Q1	NE5510279A	TX PA
Q2	KRC405E	TX Mute
Q3	BFQ67W	TX driver
Q4	BFQ67W	TX driver
Q5	KRC404E	Incoming CTCSS limiter
Q6	2SC4226	RX LNA
Q7	KRA306E	GMRS VCC Switch
Q8	2SC4226	RX MIXER
Q9	KTC4075E	RESET
Q10	KRA306E	WX VCC Switch
Q11	BFQ67W	TX pre-driver
Q12	STK1828EF	RESET
Q13	KRC404E	WAKE UP VCC Switch
Q15	KRA306E	MCUREG VCC SWITCH
Q16	KRC405E	Rx LNA
Q17	KRC405E	TX Mod.
Q18	2SC4083	VCO
Q19	KRC401E	VCO TX,RX switch
Q20	STJ828EF	TX Power Hi/Low switch
Q21	STJ828EF	TX Power Hi/Low switch
Q22	KTC4075E	SWB SWITCH
Q24	KRC405E	Vibrator driver
Q27	2SC4083	WX Mixer
Q301	2SC4226	VCO
Q302	2SC4226	VCO