

TB208USL Function of Devices

Reference	Type	Function
U11	IL34119D	Audio power amplifier
U12	XC61CN2702MR	Reset IC for MAIN MCU
U13	AK2346	AF&CTCSS Amplifier
U14	AT24C16AN	EEPROM
U15	EM78P567AQ	MAIN MCU
U16	XC6204B292MR	2.8V Regulator
U17	XC6204B292MR	2.8V Regulator
U19	W588A020-7652H	CHANNEL REPORTER processor
U40	NJM324V	operation amplifier
U101	TL431IDBVR	Regulator n.
U102	S324	operation amplifier
U201	TL431IDBVR	Regulator n.
U202	S324	operation amplifier
U301	XC221A1100MR	AUTO RF POWER CONTROL AMPLIFIER
U302	BA4116FV	IF AMPLIFIER & DEMODULATOR
U303	KB8825	PLL IC
Q1	PDTC143ZE	General SW transistor
Q2	MMBT3904LT1	MIC MUTE CONTROLLER
Q3	PDTC143ZE	AF MUTE CONTROLLER
Q4	PDTA143ZE	TX SW
Q5	PDTA143ZE	POWER ON/OFF CONTROLLER
Q6	PDTC143ZE	GREEN ,RED BI LED CONTROLLER
Q7	PDTC143ZE	GREEN ,RED BI LED CONTROLLER
Q8	PDTC143ZE	SPEAKER MUTE CONTROLLER
Q9	PDTC143ZE	General SW transistor
Q17	2SK1824	SW FOR Frequence of crystal selection
Q18	MPS8550S	SPEAKER MUTE CONTROLLER
Q102	MMBT3904LT1	General SW transistor
Q103	MMBT3904LT1	General SW transistor
Q104	MMBT3904LT1	General SW transistor
Q105	MMBT3904LT1	General SW transistor
Q106	MMBT3904LT1	General SW transistor
Q107	MMBT3904LT1	General SW transistor

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Q108	2SB772-P	General SW transistor
Q202	MMBT3904LT1	General SW transistor
Q203	MMBT3904LT1	General SW transistor
Q204	MMBT3904LT1	General SW transistor
Q205	MMBT3904LT1	General SW transistor
Q206	MMBT3904LT1	General SW transistor
Q207	MMBT3904LT1	General SW transistor
Q208	2SB772-P	General SW transistor
Q301	PDTA143ZE	TX VCO SW
Q302	3SK318	RF Amplifier
Q303	3SK318	MIXER
Q304	PDTA143ZE	PLL DA/NW
Q305	PDTA143ZE	RX SW
Q306	2SC4901YK	1ST IF Amplifier
Q307	2SC4901YK	TX RF Amplifier
Q308	2SC4901YK	TX RF Amplifier
Q309	PDTA143ZE	RX VCO SW
Q310	2SC4901YK	Amplifier
Q311	2SC4901YK	Amplifier
Q314	RQA0008AQS#H1	TX POWER Amplifier
Q315	RQA0004PXDQS	TX POWER Amplifier
Q316	2SC5066	VCO
Q317	2SC5066	VCO