

GM5400B BOM

Description	Specification	Designation	Q'ty
CAPACITOR CERAMIC	4.7pF	C1,C2	2
CAPACITOR CERAMIC	10uF	C3,C32,C45,C48,C57,C11,C25,C27,C55,C69,C71,C84	12
CAPACITOR AL	470uF/35V	C4 $\varnothing$ 12.5*13.5 105°C	1
CAPACITOR CERAMIC	10uF/35V	C5	1
CAPACITOR CERAMIC	100nF	C6,C14,C15,C17,C19,C21,C22,C33,C35,C38,C39,C40,C41, C42,C44,C46,C47,C49,C56,C58,C59,C60,C61,C62,C63, C64,C65,C66,C67,C68,C72,C73,C74,C75,C76,C77,C78, C79,C80,C81,C82,C83,C85,C86,C87,C89,C90	47
CAPACITOR CERAMIC	330pF	C7	1
CAPACITOR CERAMIC	47uF/16V	C8	1
CAPACITOR CERAMIC	1nF/16V	C9	1
CAPACITOR CERAMIC	22uF/10V	C12,C16,C18,C20,C70	5
CAPACITOR CERAMIC	10uF/10V	C23,C24	2
CAPACITOR CERAMIC	22pF	C26,C50,C52	3
CAPACITOR	NP_22pF	C29	
CAPACITOR CERAMIC	270pF -- NC	C28,C30	
CAPACITOR CERAMIC	1nF	C31,C34	2
CAPACITOR CERAMIC	NP	C36,C37,C54	
CAPACITOR CERAMIC	10nF	C43	1
DIODE	SS110	D1,D2	2
BEAD	NP	FB1	
BEAD	10R	FB2,FB3,FB5,FB6,FB7,FB8	6
	HOLE	H1,H3,H4	
CONNECTOR PIN HEADER	NP_53047-0210	J2,J7,J9	
2.4GHz RF MODULE	MR7916A	J3	1
CONNECTOR - RF	CMJ-S00 -- NC	J4	
CONNECTOR	12505WR-04	J5	1
CONNECTOR WAFER	12505WS-10	J1,J6	2
CONNECTOR	12505WS-05	J8	1
POWER INDUCTOR	SC4532D-2R2M	L1	1
POWER INDUCTOR	SHP0520P-F150AP	L2	
POWER INDUCTOR	SHP0735P-F150A	L3	1
POWER INDUCTOR	SHP0520P-F4R7A	L4	1
INDUCTOR	0R -- NC	L5	
RESISTOR	NP	R2,R28,R34,R36,R37	

RESISTOR	75R	R2,R3	2
RESISTOR	200R	R4	1
RESISTOR	0R	R22	1
RESISTOR	100R	R6	1
RESISTOR	NP_4.7K	R7	
RESISTOR	22R	R10,R38,R39,R48,R50,R53,R54,R55,R57,R59	10
RESISTOR	1M	R11,R31	2
RESISTOR	200K	R12	1
RESISTOR	40.2K 1%	R13,R16	2
RESISTOR	130K 1%	R14	1
RESISTOR	100K	R15,R23,R26	3
RESISTOR	NP 17.4K	R16	
RESISTOR	95.3K	R17	1
RESISTOR	150K 1%	R18	1
RESISTOR	174K 1%	R19	1
RESISTOR	75R 1% -- NC	R20	
RESISTOR	10K	R21,R27,R29,R30,R35,R44,R45,R46,R58,R60,R61, R62,R63,R64,R66	15
RESISTOR	330R	R24	1
RESISTOR	12.1K 1% - 12K	R25	1
RESISTOR	1.5K	R32,R33	2
RESISTOR	1K 1%	R40,R42	2
RESISTOR	261R 1%	R41	1
RESISTOR	33R	R43	1
RESISTOR	NP_22R	R47,R51,R52,R56	
DIODE TVZ	ADUC10S021R1	RV1,RV2, RV3	2
		SW2	
DIODE TVZ	SMAJ36A	TD1	1
IC VIDEO;HDTV1 ENCODER;QFN40	TP2912FB	U1	1
IC DC-DC CONVERTER	MP4560DN=MP2560DN	U2	1
IC DC-DC CONVERTER	FTD6811	U4	1
IC LDO	VRH2501NTX	U5	1
IC SERIAL FLASH MEMORY	W25Q16BV	U6	1
IC 2.4G wireless H.264 1080p Transceiver	MR6761B-128M	U7	1
IC 8BIT MICROCONTROLLER	N76E003AT	U8	1
X'TL,SMD,8Z48000011,48MHz 8pF +-10ppm 4-PAD 2.55*2.05*0.5,TXC¥x¹	27MHz -- 9pf	Y1	1

X'TL,SMD,8Z48000011,48MHz 8pF +-10ppm 4-PAD 2.55*2.05*0.5,TXC¥x'1	24MHz -- 12 Pf	Y2	1
PCB			1
			1