

Applicant: Shen Zhen JWL Electronic Co., Ltd.
FCC ID: PVDPDWM-2600

COMPONENTS LIST OF PDWM-2600 TRANSMITTER

R4	22k Ω /0603	chip resistor
R6	15k Ω /0603	chip resistor
R7	10k Ω /0603	chip resistor
R8	1.5k Ω /0603	chip resistor
R9	180k Ω /0603	chip resistor
R10	15k Ω /0603	chip resistor
R11	33k Ω /0603	chip resistor
R13	22k Ω /0603	chip resistor
R14	15k Ω /0603	chip resistor
R15	220 Ω /0603	chip resistor
R16	680 Ω /0603	chip resistor
R17	22k Ω /0603	chip resistor
R18	0 Ω /0603	chip resistor
R19	47k Ω /0603	chip resistor
R20	75k Ω /0603	chip resistor
R21	47k Ω /0603	chip resistor
R22	510 Ω /0603	chip resistor
R23	5.6k Ω /0603	chip resistor
R24	10k Ω /0603	chip resistor
R25	2.2k Ω /0603	chip resistor
R26	56k Ω /0603	chip resistor
R27	10k Ω /0603	chip resistor
R28	220 Ω /0603	chip resistor
R29	220 Ω /0603	chip resistor
R30	3.9k Ω /0603	chip resistor
R31	680 Ω /0603	chip resistor
R32	100 Ω /0603	chip resistor
R33	47 Ω /0603	chip resistor
R34	2.2k Ω /0603	chip resistor
R35	470 Ω /0603	chip resistor
R36	100 Ω /0603	chip resistor
R37	47 Ω /0603	chip resistor
R38	33k Ω /0603	chip resistor
R39	100k Ω /0603	chip resistor
R40	10k Ω /0603	chip resistor
R41	100k Ω /0603	chip resistor
R42	220k Ω /0603	chip resistor
R43	10k Ω /0603	chip resistor
R46	1k Ω /0603	chip resistor
R47	10 Ω /0603	chip resistor

R48	10k Ω /0603	chip resistor
R57	3.3k Ω /0603	chip resistor
RP1	50k Ω	chip potentiometer
C2	2.2uF/25V4 $\times$ 7	electrolytic capacitor
C3	51pF/0603	chip capacitor
C4	0.1uF/0603	chip capacitor
C5	100PF/0603	chip capacitor
C6	4.7uF/25V4 $\times$ 7	electrolytic capacitor
C7	10uF/25V5 $\times$ 7	electrolytic capacitor
C8	1uF/0603	chip capacitor
C9	3.3nF/0603	chip capacitor
C10	51pF/0603	chip capacitor
C11	4.7uF/25V4 $\times$ 7	electrolytic capacitor
C12	1uF/50V4 $\times$ 7	electrolytic capacitor
C13	2.2uF/25V4 $\times$ 7	electrolytic capacitor
C14	10nF/0603	chip capacitor
C15	4.7uF/25V4 $\times$ 7	electrolytic capacitor
C16	4.7uF/25V4 $\times$ 7	electrolytic capacitor
C17	10nF/0603	chip capacitor
C18	10nF/0603	chip capacitor
C19	33pF/0603	chip capacitor
C20	51pF/0603	chip capacitor
C21	120pF/0603	chip capacitor
C22	2.2pF/0603	chip capacitor
C23	120pF/0603	chip capacitor
C24	22pF/0603	chip capacitor
C25	10nF/0603	chip capacitor
C26	10nF/0603	chip capacitor
C27	10nF/0603	chip capacitor
C28	table	chip capacitor
C29	1pF/0603	chip capacitor
C32	1nF/0603	chip capacitor
C33	10nF/0603	chip capacitor
C34	1nF/0603	chip capacitor
C35	table	chip capacitor
C36	0.5pF/0603	chip capacitor
C37	10pF	Trimmer capacitor
C38	10pF	Trimmer capacitor
C39	1nF/0603	chip capacitor
C40	100pF/0603	chip capacitor
C41	100PF/0603	chip capacitor
C42	10nF/0603	chip capacitor
C43	10pF	Trimmer capacitor

C44	table	trimmer capacitor
C45	1pF/0603	chip capacitor
C46	10pF	Trimmer capacitor
C47	5.1pF/0603	chip capacitor
C50	10nF/0603	chip capacitor
C51	1uF/50V4×7	electrolytic capacitor
C52	100uF/16V6×7	electrolytic capacitor
C53	47uF/25V5×7	electrolytic capacitor
C54	100uF/16V6×7	electrolytic capacitor
C56	1uF/0603	chip capacitor
C61	220pF/0603	chip capacitor
C67	10nF/0603	chip capacitor
C70	table	chip capacitor
C71	table	chip capacitor
C72	table	chip capacitor
C73	table	chip capacitor
C74	table	chip capacitor
C75	6.2pF/0603	chip capacitor
C76	1pF/0603	chip capacitor
C77	10nF/0603	chip capacitor
C78	10nF/0603	chip capacitor
C80	1pF/0603	chip capacitor
C81	1pF/0603	chip capacitor
C82	1pF/0603	chip capacitor
C83	1uF/0603	chip capacitor

L1	SJ06(7×7)	variable coil
L2	table	fixed inductor
L3	SJ04(7×7)	variable coil
L4	SJ04(7×7)	variable coil
L5	SJ04T(7×7)	variable coil
L6	SJ04T(7×7)	variable coil
L7	3.0/0.6/1.5T	coil
L8	3.0/0.6/1.5T	coil
L9	3.0/0.6/1.0T	coil
L10	table	coil
L11	0Ω/0805	chip resistor
L12	0Ω/0805	chip resistor
L13	220nH/0805	chip inductor
L14	220nH/0805	chip inductor
L15	220nH/0805	chip inductor
L16	220nH/0805	chip inductor
L17	220nH/0805	chip inductor

L18	220nH/0805	chip inductor
VD1	MMBD4148(SOT-23)	diode
VD2	XC61CN37(SOT-23)	voltage comparator
VD3	BB134(SOD-323)	diode
VD5	LED5×2	LED red
VT1	2SC1623(SOT-23)	transistor
VT2	2SC9012(SOT-23)	transistor
VT3	2SC2714(SOT-23)	transistor
VT4	2SC2714(SOT-23)	transistor
VT5	PBR951(SOT-23)	transistor
VT6	PBR951(SOT-23)	transistor
N1	BA4558F(SOP-8)	operational amplifier
N2	62PF/5002L(TO-92)	regulator
N3	SA571(SOL-16)	voltage comparator
X1	table	crystal transmitter
XS1	XH-2WA(2.0mm)	jack
SW1	SS-23D03-G5	switch

Frequency Table

Frequency	X1	C28	C35	C44	C70	C71	C72	C73	C74	L2	L10
(MHz)	(MHz)	(pF)	(pF)	(pF)	(pF)	(pF)	(pF)	(pF)	(pF)	(uH)	
710.4	T710.4	27	8.2	8.2	100	30	10	22	22	10	3/0.6/1.5T
734.6	T734.6	27	8.2	8.2	100	30	10	10	22	10	3/0.6/1.5T
802.525	T802.525	22	6.2	3	100	22	10	10	15	6.8	3/0.6/1T
805.9	T805.9	22	6.2	3	100	22	10	8.2	15	6.8	3/0.6/1T