



## Bill of Materials Parameter Title not found>

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C0402 C0603 C0402 C0402 C0402 C0402 C0402 C0603 C0603 C0603 C0605 C0402 C1206	100nF 330pF 4.7uF 1uF 20pF 10uF /NM 1uF /NM 4.7uF	C0402, C0603_Dup1 C0603 C0402 C0402 C0402 C0603_Dup1	C1, C2, C3, C4, C7, C8, C9, C10, CB1, CB2, CB3, CB8, CB9, CB10, CB11 C5, C6 C11, CB4 C12, C37, CB6, CB7	MLCC SMD 100NF 25V 0402 YSV -80/- 20% WALSINDAGE*1042550CT, MLCC SMD 100NF 50V 0603 YSV +80/-20% WALSINO6036*1042500CT MLCC SMD 30PF 50V 0603 YSTR 10% SAMSLINGCIO.05331KB8NNNO. MLCC SMD 100NF 25V 0402 YSV -80/-20% WALSINO60362F1042500CT MLCC SMD 110NF 25V 0402 YSV -80/-20% WALSINO6275042F104250CT MLCC SMD 110F 10V 0402 YSV -80/-20% VAGECIO/04022FY9VSBB105, MLCC SMD	
C0402 C0402 C0402 C0805 C0402 C0603 C0805 C0805	4.7uF 1uF 20pF 10uF /NM 1uF /NM	C0402 C0402 C0402 C0402 C0603_Dup1	C5, C6 C11, CB4 C12, C37, CB6, CB7	SMD 100NF 50V 0603 Y5V +80/-20% WALSIN0603F1042500CT MLCC SMD 309PF 50V 0603 X7R 10% SAMSUNC/CL10B331KB8NNNC MLCC SMD 100NF 25V 0402 Y5V +80/- 20% WALSIN0402F104Z50CT MLCC SMD 1UF 10V 0402 Y5V +80/-20%	
C0402 C0402 C0402 C0805 C0402 C0603 C0805 C0805	4.7uF 1uF 20pF 10uF /NM 1uF /NM	C0402 C0402 C0402 C0603_Dup1	C11, CB4 C12, C37, CB6, CB7	WALSIN/0603F104Z50CCT MLCC SMD 330PF 50V 0603 X7R 10% SAMSUNG/CL10B331KBBNNNC MLCC SMD 100NF 25V 0402 Y5V +80/- 20% WALSIN/0402F104Z50CT MLCC SMD 1UF 10V 0402 Y5V +80/-20%	
C0402 C0402 C0402 C0805 C0402 C0603 C0805 C0805	4.7uF 1uF 20pF 10uF /NM 1uF /NM	C0402 C0402 C0402 C0603_Dup1	C11, CB4 C12, C37, CB6, CB7	SAMSUNG/CL10B331KB8NNNC  MLCC SMD 100NF 25V 0402 Y5V +80/- 20% WALSIN/0402F104Z250CT  MLCC SMD 1UF 10V 0402 Y5V +80/-20%	
C0402 C0402 C0805 C0402 C0603 C0805 C0402	1uF 20pF 10uF /NM 1uF /NM	C0402 C0402 C0603_Dup1	C12, C37, CB6, CB7	MLCC SMD 100NF 25V 0402 Y5V +80/- 20% WALSIN/0402F104Z250CT MLCC SMD 1UF 10V 0402 Y5V +80/-20%	
C0402 C0402 C0805 C0402 C0603 C0805 C0402	1uF 20pF 10uF /NM 1uF /NM	C0402 C0402 C0603_Dup1	C12, C37, CB6, CB7	20% WALSIN/0402F104Z250CT MLCC SMD 1UF 10V 0402 Y5V +80/-20%	
C0402 C0805 C0402 C0603 C0805	20pF 10uF /NM 1uF /NM	C0402 C0603_Dup1		MLCC SMD 1UF 10V 0402 Y5V +80/-20% YAGEO/C04027RY5V6BB105 MLCC SMD	
C0805 C0402 C0603 C0805 C0402	10uF /NM 1uF /NM	C0603_Dup1	C13 C14		
C0805 C0402 C0603 C0805 C0402	10uF /NM 1uF /NM	C0603_Dup1	C13 C14	10NF 50V 0402 X7R 10%	
C0805 C0402 C0603 C0805 C0402	10uF /NM 1uF /NM	C0603_Dup1		YAGEO/C0402KRX7R9BB103	
C0402 C0603 C0805 C0402	1uF /NM		010, 014	MLCC SMD 20PF 50V 0402 NPO 5% YAGEO/C0402JRNP09BN200	
C0603 C0805 C0402			C15, C16, C17	MLCC SMD 10UF 6.3V 0603 X5R 20%	
C0603 C0805 C0402		C0402	C18	PANASONIC/ECJ1VB0J106M MLCC SMD 1UF 10V 0402 Y5V +80/-20%	
C0805	4.7uF	C0402	C18	YAGEO/C0402ZRY5V6BB105	
C0402		C0603	C19	MLCC SMD 4.7UF 10V 0603 Y5V +80/-	
C0402	10uF	C0805 Dup1	C20, C21, C22, C23, C24	20% MURATA/GRM188F51A475ZE20D MLCC SMD 10UF 10V 0805 Y5V+80/-20%	
	Tour	COOCS_Dup1	020, 021, 022, 023, 024	WALSIN/0805F106Z100CT	
C1206	22pF	C0603	C25, C29	MLCC SMD 100PF 50V 0603 NPO 5% WAI SIN/0603N101.I500LT	
	10uF	C1206	C26, C27, C28, C30, C31, C32	MLCC SMD 22UF 16V 1206 Y5V+80/-20%	
				NEC/C1206Y226Z016T	
C0402	10nF	C0402	C33, C34, C35, C36	MLCC SMD 10NF 50V 0402 X7R 10% YAGEO/C0402KRX7R9BB103	
C0402	100nF /NM	C0402	CB5	MLCC SMD 100NF 25V 0402 Y5V +80/-	
				20% WALSIN/0402F104Z250CT	
USB-TYPE- C-NBR25-1	USB3-TYPE-C	USB3-TYPE-C- SMD-Female	CN1		
Mdot2	Mdot2	Mdot2_3	CN2	_	
L-GSDR31	GSDR32P- 4R7W1.5A@Im	GSDR32P-4R7M	L1	CHOKE SMD 4.7uH/1.5A +/-20% GSDR32P-4R7M GOTREND/GSDR32P-	
	ax/NM			4R7M	
GLP-321X	MHCI04020-	GNR3015P-	L2, L3	CHOKE SMD 2.2uH/1.8A +/-30%	
LED0603	R47M/0.47uH BLUE /NM	2R2M LED-BLUE-0603	LED1	GNR3015P-2R2M LED BLUE SMD 1.6X0.8mm	
LEDUOUS	BLUE /NW	LED-BLUE-0003	LEDI	KINGBRIGHT/KP-1608PBC-A	
LED0603	BLUE	LED-BLUE-0603	LED2, LED3	LED BLUE SMD 1.6X0.8mm	
SOT23	APM2300CA	APM2300CA	Q6	KINGBRIGHT/KP-1608PBC-A N-MOSFET SMD Enhance 6A SOT-23	
				ANPEC/APM2300CAC-TRL	
R0402	510K	R0402	R1	RES SMD 330K OHM 1/16W 0402 5% YAGEO/RC0402JR-07330K	
R0603	600K /NM	R0603	R2	RES SMD 100K OHM 1/10W 0603 5%	
				YAGEO/RC0603JR-07100K	
R0402	330 /NM	R0402	R3	RES SMD 330 OHM 1/16W 0402 5% YAGEO/RC0402JR-07330R	
R0402	330	R0402	R4	RES SMD 330 OHM 1/16W 0402 5%	
				YAGEO/RC0402JR-07330R	
R0402	100K	R0402	R5, R6, R14, R18	RES SMD 4.7K OHM 1/16W 0402 5% YAGEO/RC0402JR-074K7, RES SMD 150K	
				OHM 1/16W 0402 5% YAGEO/RC0402JR-	
R0402	100K /NM	R0402	R7, R8	07150K RES SMD 4.7K OHM 1/16W 0402 5%	
RU4U2	TOUR /INIVI	RU4U2	R/, RB	YAGEO/RC0402JR-074K7	
R0402	2.2	R0402_Dup1	R9	RES SMD 10 OHM 1/16W 0402 5%	
R0402	12K	R0402 Dup1	R10	TMTEC/RC0402JR-07 RES SMD 12K OHM 1/16W 0402 5%	
				YAGEO/RC0402JR-0712K	
R0402	4.7K	R0402	R11, R19, R54	RES SMD 4.7K OHM 1/16W 0402 5%	
				YAGEO/RC0402JR-074K7, RES SMD 330K OHM 1/16W 0402 5% YAGEO/RC0402JR-	
				07330K	
R0402	/NM	R0402	R13	RES SMD 0 OHM 1/16W 0402 5% YAGEO/RC0402JR-070R	
R0402	66.5K	R0402	R17	RES SMD 510K OHM 1/16W 0402 5%	
				WALSIN/WR04X514JTL	
R0402	4.7K/NM	R0402	R21	RES SMD 4.7K OHM 1/16W 0402 5% YAGEO/RC0402JR-074K7	
R0402	200K	R0402	R22	RES SMD 510K OHM 1/16W 0402 5%	
R0402	44.2K	R0402	R23	WALSINWR04X514JTL	
HU4U2	44.2K	HU4U2	HZ3	RES SMD 150K OHM 1/16W 0402 5% YAGEO/RC0402JR-07150K	
R0402	442K	R0402	R24	RES SMD 150K OHM 1/16W 0402 5%	
R0402	OR	R0402	R25	YAGEO/RC0402JR-07150K RES SMD 0 OHM 1/16W 0402 5%	
				YAGEO/RC0402JR-070R	
SW44	SW-DIP-	SW-DIP-	SW2	SW DIP S/T TOGGLE-SW 3P ON-NONE-	
SIP-1P	TOGGLE-3P Name	TOGGLE-3P Testpin	TP1, TP2, TP3, TP4, TP5	ON HONKON/HSW-LS-101-2-UL	
QFN48-6x6	JMS580	JMS576_QFN48	U1	7	
		_2	110		
SOP8	MX25L1006E	PM25LV512	U2	S-Flash SMD 8P PM25LV512 SOIC-8 PMC/PM25LV512-25SCE	
SOT-23-5	MT3012	FP6375A_0,	U3, U4	I WOT WESEVSTE-ESSCE	
2225	25MHz_/	FP6375A_1	V4	VTAL 2014 DID 40110 200511 200511	
3225	25MHz_/ CL=10pF	XTAL-DIP- 30MHz-YOKE_1	Y1	XTAL 30MHz DIP 49US 20PF/+-30PPM	
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