

DW775_Base COSIC module

NO	REF NO	TYPE NO / VALUE	VPN	DESCRIPTION	Package	Q'TY	VENDOR
1	U200	IC-CPU	IC-CPU	PMB9616V V1.2FL	VQFN-108	1	LANTIQ
2	U201	IC-FLASH	EN29LV040A-70SCP	4MBIT	TSOP-32	1	EON
3	U203	IC-EEPROM	CAT24C64WI-GT3	64K,V _{cc} =1.8-5.5V,I _a =1mA	SOP-8	1	ONSEMI
4	D200	DIODE	S1G-13T	SMD,V _{rrm} =400V,I _{fsm} =30V,I _o =1A	MELF	1	DIODES
5	D202	DIODE-PIN	BAR64-05W	V _r =150V,I _f =100mA,R _{th} =340↓	SOT323	1	LANTIQ
6	X200	CRYSTAL	20.736MHz	SX-1/SMD,LC=10pF,FT=±10PPM	SX-1	1	가람테크
7	C251,C252	0R5 (0.5pF)	CL05C0R5CBNC	Multilayer Ceramic Capacitor, 1005	CAP CHIP(1005)	2	SAMSUNG
8	C256,C257	0R75(0.75pF)	CL05C0R75CBNC	Multilayer Ceramic Capacitor, 1005	CAP CHIP(1005)	2	SAMSUNG
9	C255	1R5 (1.5pF)	CL05C1R5CBNC	Multilayer Ceramic Capacitor, 1005	CAP CHIP(1005)	1	SAMSUNG
9	C245	1R8 (1.8pF)	CL05C1R8CBNC	Multilayer Ceramic Capacitor, 1005	CAP CHIP(1005)	1	SAMSUNG
10	C244,C264,C266	2R7 (2.7pF)	CL05C2R7CBNC	Multilayer Ceramic Capacitor, 1005	CAP CHIP(1005)	3	SAMSUNG
11	C265	3R0 (3.0pF)	CL05C3R0CBNC	Multilayer Ceramic Capacitor, 1005	CAP CHIP(1005)	1	SAMSUNG
12	C201,C202,C203,C204,C205,C206,C207,C208,C209,C210,C211,C212,C213	3R3 (3.3pF)	CL05C3R3CBNC	Multilayer Ceramic Capacitor, 1005	CAP CHIP(1005)	13	SAMSUNG
13	C221,C230,C231,C232,C233,C235,C236,C247,C248,C249,C250,C253,C254,C258,C259,C262,C263,C268,C269	100 (10pF)	CL05C100DBNC	Multilayer Ceramic Capacitor, 1005	CAP CHIP(1005)	19	SAMSUNG
14	C200,C214,C215,C217,C218,C219,C222,C223,C225,C226,C227,C229,C234,C240,C241,C246,C260	104 (100nF)	CL05F104ZONC	Multilayer Ceramic Capacitor, 1005	CAP CHIP(1005)	17	SAMSUNG
15	C243	105(1uF)	CL05F105ZONC	Multilayer Ceramic Capacitor, 1005	CAP CHIP(1005)	1	SAMSUNG
16	C261	225 (2.2uF)	CL10F225ZONC	Multilayer Ceramic Capacitor, 1608	CAP CHIP(1608)	1	SAMSUNG
17	C220,C224,C228,C239	475 (4.7uF)	CL10F475ZONC	Multilayer Ceramic Capacitor, 1608	CAP CHIP(1608)	4	SAMSUNG
18	R204,R205,R206	000 (0ohm)	RC1005J000CS	Chip Resistor (1005)	RES CHIP(1005)	3	SAMSUNG
19	R200,R201,R202	103 (10Kohm 5%)	RC1005J103CS	Chip Resistor (1005)	RES CHIP(1005)	3	SAMSUNG
20	R207	273 (27Kohm 5%)	RC1005J273CS	Chip Resistor (1005)	RES CHIP(1005)	1	SAMSUNG
21	R203	472 (4.7Kohm 5%)	RC1005J472CS	Chip Resistor (1005)	RES CHIP(1005)	1	SAMSUNG
22	R208,R209	561 (560ohm 5%)	RC1005J561CS	Chip Resistor (1005)	RES CHIP(1005)	2	SAMSUNG
23	L200	INDUCTOR CHIP,8.2nH	SDCL1005C8N2S	±0.3,DCR=0.22Ω,IDC1=0.4A,1005	1005	1	
24	L201,L202,L203,L204	INDUCTOR CHIP,5.6nH	SDCL1005C5N6S	±0.3,DCR=0.22Ω,IDC1=0.4A,1005	1005	4	

25	COSIC BASE PCB	COSIC BASE	REV 1.0	FR4, 4layers, 1.0T		1	
DW775_COSIC MODULE Total							