

CM-FT300-MB-BOM-V03-211019

ItemIndex	Material Number	Description	Qty	Part Number
1	Resistor			
2	103S2A0000J0	Carbon Film Resistor/0603/0R/±5%	19	R37 R143 R229 R255 R358 R363 R366 R95 R371 R382 R387 R88 R62 R139 R302-303 R161 R400-401
3		Carbon Film Resistor/0805/0R/±5%	3	R15 R134 R44
4		Carbon Film Resistor/0805/2.2R/±5%	3	R18, R76, R19
6		Carbon Film Resistor/0603/10R/±5%	1	R293
7	103S3A0100J1	Carbon Film Resistor/0805/10R/±5%	2	R6 R13
8	103S2A0200J1	Carbon Film Resistor/0603/20R/±5%	1	R163
9		Carbon Film Resistor/0603/33R/±5%	6	R12 R29-31 R73-74
10	103S2A0470J0	Carbon Film Resistor/0603/47R/±5%	5	R147 R153 R158 R162 R744
11		Carbon Film Resistor/0603/60R/±5%	2	R59-60
12		Carbon Film Resistor/0603/68R/±5%	1	R130
13	103S2A0750J0	Carbon Film Resistor/0603/75R/±5%	2	R398-399
14	103S2A0101J0	Carbon Film Resistor/0603/100R/±5%	18	R28 R94 R100 R102 R104 R159 R174 R180 R227 R256-257 R61 R67 R70 R206 R752 R179 R264
15		Carbon Film Resistor/0603/120R/±5%	2	R750 R764
16		Carbon Film Resistor/0603/150R/±5%	2	R105 R754
17		Carbon Film Resistor/0603/180R/±5%	1	R758
18		Carbon Film Resistor/0603/200R/±5%	1	R746
19		Carbon Film Resistor/0603/220R/±5%	1	R762
20		Carbon Film Resistor/0603/240R/±5%	3	R127 R756 R760
21	103S2A0331J0	Carbon Film Resistor/0603/330R/±5%	6	R101 R109 R148 R231 R748 R128
22	103S2A0471J0	Carbon Film Resistor/0603/470R/±5%	1	R113
23		Carbon Film Resistor/0603/680R/±5%	2	R194 R199
24		Carbon Film Resistor/0603/750R/±5%	1	R743
25	103S2A0102J0	Carbon Film Resistor/0603/1K/±5%	72	R14 R116 R125-126 R233-234 R236-239 R244-248 R251-254 R260 R262 R370 R391 R394 R172 R282 R1 R3 R7-8 R27 R40 R49 R54 R65-66 R115 R118 R122 R203 R269 R402-403 R742 R151 R4 R265-266 R41 R285 R287-288 R291 R300-301 R304-309 R142 R383 R388 R92 R164 R168 R267 R277 R183 R17 R327
26	103S2A0222J0	Carbon Film Resistor/0603/2.2K/±5%	4	R193 R196 R361-362
27		Carbon Film Resistor/0603/2.4K/±5%	1	R1625
27		Carbon Film Resistor/0603/2.7K/±5%	1	R114
28	103S2A0332J0	Carbon Film Resistor/0603/3.3K/±5%	1	R26
29	103S2A0472J0	Carbon Film Resistor/0603/4.7K/±5%	11	R52 R135 R137 R144 R155 R310 R312 R207 R360 R212-213
30	103S2A0562J0	Carbon Film Resistor/0603/5.6K/±5%	1	R208
31	103S2A0682J0	Carbon Film Resistor/0603/6.8K/±5%	1	R286

32	103S2A0103J0	Carbon Film Resistor/0603/10K/±5%	56	R136 R140 R145 R150 R157 R167 R71-72 R56 R96-97 R295 R311 R313 R376-379 R55 R79 R83 R405 R171 R296 R25 R85 R197-198 R202 R205 R209 R292 R200 R170 R283 R86 R177 R297 R284 R33-34 R39 R50 R119 R121 R124 R182 R112 R219-220 R396 R249-250 R57 R16 R45
33		Carbon Film Resistor/0603/13.3K/±1%	1	R381
34		Carbon Film Resistor/0603/18K/±1%	1	R385
35	103S2A0203J0	Carbon Film Resistor/0603/20K/±5%	8	R42-43 R181 R36 R152 R294 R216-217
36		Carbon Film Resistor/0603/22K/±5%	2	R191 R195
37	103S2A0473J0	Carbon Film Resistor/0603/47K/±5%	8	R107-108 R149 R230 R221-222 R21 R22
38	103S2A0104J0	Carbon Film Resistor/0603/100K/±5%	22	R2 R9-10 R23-24 R64 R120 R123 R224 R232 R404 R386 R389 R384 R380 R32 R211 R235 R390 R392 R35 R354
39	103S2A0105J0	Carbon Film Resistor/0603/1M/±5%	6	R129 R138 R141 R146 R154 R169
40	Capacitor			
41		Ceramic Capacitor/0603/7PF/±5%	6	C130-131 C232-235
42		Ceramic Capacitor/0603/12PF/±5%	3	C2 C25 C30
43	104S2CF220J0	Ceramic Capacitor/0603/22PF/±5%	5	C94-95 C18 C105 C115
44	104S2CF330J0	Ceramic Capacitor/0603/33PF/±5%	2	C251 C298
45	104S2CF101K0	Ceramic Capacitor/0603/101/±10%	3	C81 C87 C108
46	104S2CF102K0	Ceramic Capacitor/0603/102/±10%	8	C211 C280 C153-156 C215 C286
47	104S2CF152K0	Ceramic Capacitor/0603/152/±10%	4	C63-64 C170 C176
48		Ceramic Capacitor/0603/472/±10%	1	C120
49		Ceramic Capacitor/0603/682/±10%	2	C93 C116
50	104S2CF103K0	Ceramic Capacitor/0603/103/±10%	11	C305 C107 C141 C150 C157-158 C172 C173 C174 C175 C177
51		Ceramic Capacitor/0603/473/±10%	2	C218 C220
52	104S2CF104K1	Ceramic Capacitor/0603/104/±10%	92	C31-32 C69 C100-101 C111 C113 C119 C124 C126-127 C136-138 C145-146 C152 C190 C208 C221 C229-231 C239-240 C244- 245 C247 C74 C216 C276 C59 C78 C92 C223 C33 C40 C50-51 C70 C73 C611 C717-726 C210 C279 C278 C288 C206 C212 C214 C281 C284 C9 C109 C182 C186 C1 C10-13 C16 C20 C22-24 C27 C44 C47 C66 C68 C76 C80 C83 C96 C99 C102 C104 C168 C178 C184 C191 C190
53	104S2CF105K0	Ceramic Capacitor/0603/105/±10%	19	C55 C147 C151 C224 C227 C85 C3 C5 C123 C179 C180-181 C187 C196 C197 C72 C217 C219 C171
54	104S2PF225Z0	Ceramic Capacitor/0603/225/+80%-20%	1	C122
55		Ceramic Capacitor/0805/225/+80%-20%	2	C19 C21
56		Ceramic Capacitor/1206/475/±5%	2	C4 C8
57		Ceramic Capacitor/0603/106/±10%	5	C128-129 C139-140 C248
58		Ceramic Capacitor/0805/106/±10%	25	C34 C45 C213 C282 C14 C26 C185 C17 C43 C77 C715 C49 C97 C135 C132-134 C62 C61 C82 C46 C15 C183 C84 C75

59		Ceramic Capacitor/0805/226/±10%	22	C103 C110 C117 C121 C125 C188-189 C192 C236-237 C242-243 C249-250 C166 C207 C289-292 C188 C189
60		Ceramic Capacitor/1210/476/±10%	2	C48 C112
61	104SFDC227M0	Electrolytic capacitor/6.3*7.7mm/220UF	1	E3
62	104SFAB477M0	Electrolytic capacitor/6.3*7.7mm/470UF	2	E2 E7
63	104DMAD338M1	Electrolytic capacitor/10*25mm/3300uF	1	E1
64	Transistor			
65	107S325M110M	LED-0805/RED 25mA 110mW	1	D8
66	107SIN4148WS	Diod/SOD323/IN4148	10	D15 D20 D25-26 D10 D6 D9 D30 D2 D38
67	107SS32318V0	Diod/SOD123/18V	1	ZD7
68	107SS1236AV0	Diod/SOD123/6V	1	ZD6
69	107SSMCSK540	Diod/SMC/SK54/5A	1	D13
70	107SSSS341A0	Diod/DO-214AC/SS34	2	D4-5
71	107SAIN40070	Diod/SOD-106/IN4007	2	D3 D24
72	107SPES5V100	ESD PESDUC2FD5VB DFN1006-2L (0402)	10	D7 D11 D27-28 D41-44 D48-49
73	107SLBAT54S0	Diod BAT54S/BAV99 LRC SOT23	2	Q8-9
74		N-MOSFET/WNM2016/SOT23	2	Q20 Q29
75	107SP6403FMG	P-MOSFET/P6403FMG/SOT23/NIKO-SEM	9	Q1 Q5 Q11 Q25 Q27 Q30 Q36 Q39 Q31
76	107SC2N39040	NPN/SOT-23/2N3904	20	Q2 Q4 Q7 Q10 Q12-19 Q22-24 Q26 Q28 Q41 Q40 Q32
77	107SC2N39060	PNP/SOT-23/2N3906	2	Q3 Q6
78		Diod/SOD-123/SMF6C	2	D37 D39
79	Ferrite Bea/Inductance			
80	105D470UH010	Inductance 470uH/5A DRC=9mR 16MM H=9.6MM T1205-470uH	1	L2
81	1263AE0600N0	Ferrite Bea/CB2012-600/60R/1A	2	L9 L11
82	1262AC0600N0	Ferrite Bea/CB1608-600/60R/500mA	1	L17
83	105SDCI47AM0	Power Inductor/NR5040-4R7/4.7uH/3.3A	1	L1
84		Power Inductor/MCH0650-4R7M/4.7uH/6.5A	2	L6 L12
85	105SECH150M0	Power Inductor/NR6045-150M/15uH/2.2A	1	L4
86	Fuse			
87	108S512V05A0	Fuse/1210/0.5A/12V	3	FU2-4
88	Oscillator			
89	111S250328M0	5032/8MHZ±15PPM 20PF	1	Y1
90	111DCRYD320P	3225/12M/12PF/±20PPM	1	Y2
91		3225/18.432M/12PF/±20PPM	1	Y4
92	IC			
93	101SELPW5210	IC/LPW5210/SOT23-5	1	U1
94	101SFE11S0HG	HUB FE1.1S SSOP28	1	U15
95	101SFSUSB42U	FSUSB42UMX UMLP-10PIN1.8X1.4X0.6	1	U21
96		DSP/BU32107EFV/HTSSOP-B54/ROHM	1	U2
97		LDO/RT9167-3.3V/3.3V/300mA	1	U32
98		LDO/RT9167-1.8V/1.8V/300mA	2	U29 U14

99		AMS117V/3.3V/1A	1	U17
100		SGM3005 MSOP-10P	1	U28
101		MFI337S3959	1	IC5
102	101SSGM89050	MSOP-10E(xposed Pad)/SGM8905	1	U25
103		LDO/SOT-89-3 (L-Type)/SGM2203-3.3YK3LG/TR	2	U7 U11
104		LDO/SOT-89-3 (L-Type)/SGM2203-5.0YK3LG/TR	1	U16
132	101SGICN6200	ICN6202 QFN40	1	U8
105	101SACP27270	IC/SOT23-6/ACP2727	1	U5
106		MCU/LQFP-48P/STM32F330CBT6/128K/7X7MM	1	IC2
107	101GD32F103R	MCU/QFP64/GD32F105RBT6/10X10MM	1	U13
108	101STJA1041A	TJA1043A/SO14	2	U6 U10
109		DC-DC/SY8205/SOIC8	2	U20 U33
110	101SACP27010	IC/SOT23-5/ACP2701	1	U3
111	Module			
112		BT/DW-RTL8761	1	BT1
113		TS10/SMD1.27-116P	1	CON1001
114	Connector			
115	109S21350030	LED Backlight socket/4Pin/SMD	1	CN2
116		FFC/60PIN/0.5MM/Double sided connection	1	CN8
117	109D12P2M2X3	12PIN Power supply socket/Vertical double row/2.2*3MM/DIP	1	CN4
118		FFC/12PIN/0.5MM/Double sided connection	2	J1 J5
119	109SJ1004070	FFC/40PIN/0.5MM/Double sided connection	1	CN9
120	109SJ1000670	FFC/6PIN/0.5MM/Double sided connection	1	CON8
121	109D28P2M2X3	28PIN Power supply socket/Vertical double row/2.2*3MM	1	CN6
122	109S31140041	WAFER Socket/4PIN/1.25mm/SMT	3	CN1 CN7 CN12
123	PCB	PCB CM-FT300-MB-V03 FR4 4L 136.2*90*1.2MM	1	PCB