TI 2546	TI2543
BC1.2	BC1.2
YD/T 1591-2009	YD/T 1591-2009
	iPOD iPHONE(1A)
	iPad iPHONE(2A)
QFN 3*3	QFN 3*3

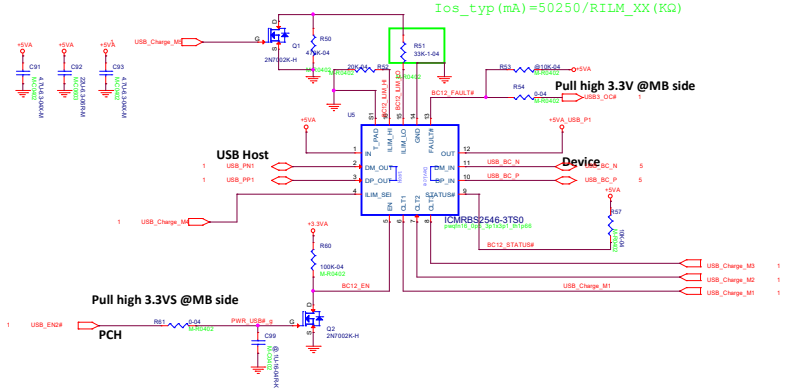
Device Control Pins

Flow Line Condition	CTL1	CTL2	CTL3	ILIM_SEL
DCH (Discharge)	0	0	0	X
CDP	1	1	1	1
SDP2 (No Discharge from/to CDP)	1	1	1	0
SDP1 (Discharge from/to any charging state including CDP)	1	1	0	X
	0	1	0	X
DCP_SHORT	1	0	0	X
DCP_DIVIDER	1	0	1	X
DCP_Auto	0	1	1	X
	0	0	1	X

DESIGN PARAMETER	EXAMPLE VALUE
Input voltage, $V_{(IN)}$	5 V
Output voltage, $V_{(DC)}$	5 V
Maximum continuous output current, $I_{(OUT)}$	2.5 A
Current limit, $I_{(LIM_LO)}$ at $R_{(LIM_LO)}$ = 80.6 kΩ	0.625 A
Current Limit, $I_{(LIM_HI_at\ RLIM_HI\ =\ 15.9\ kΩ)}$	2.97 A

	Max Current
SDP USB2.0	0.5A
SDP USB3.0	0.9A
CDP	1.5A
DCP	1.5A

Ios_typ(mA)=50250/RILM_XX(KΩ)



Title	USB + TypeC + Audio Jack
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