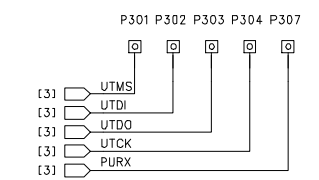
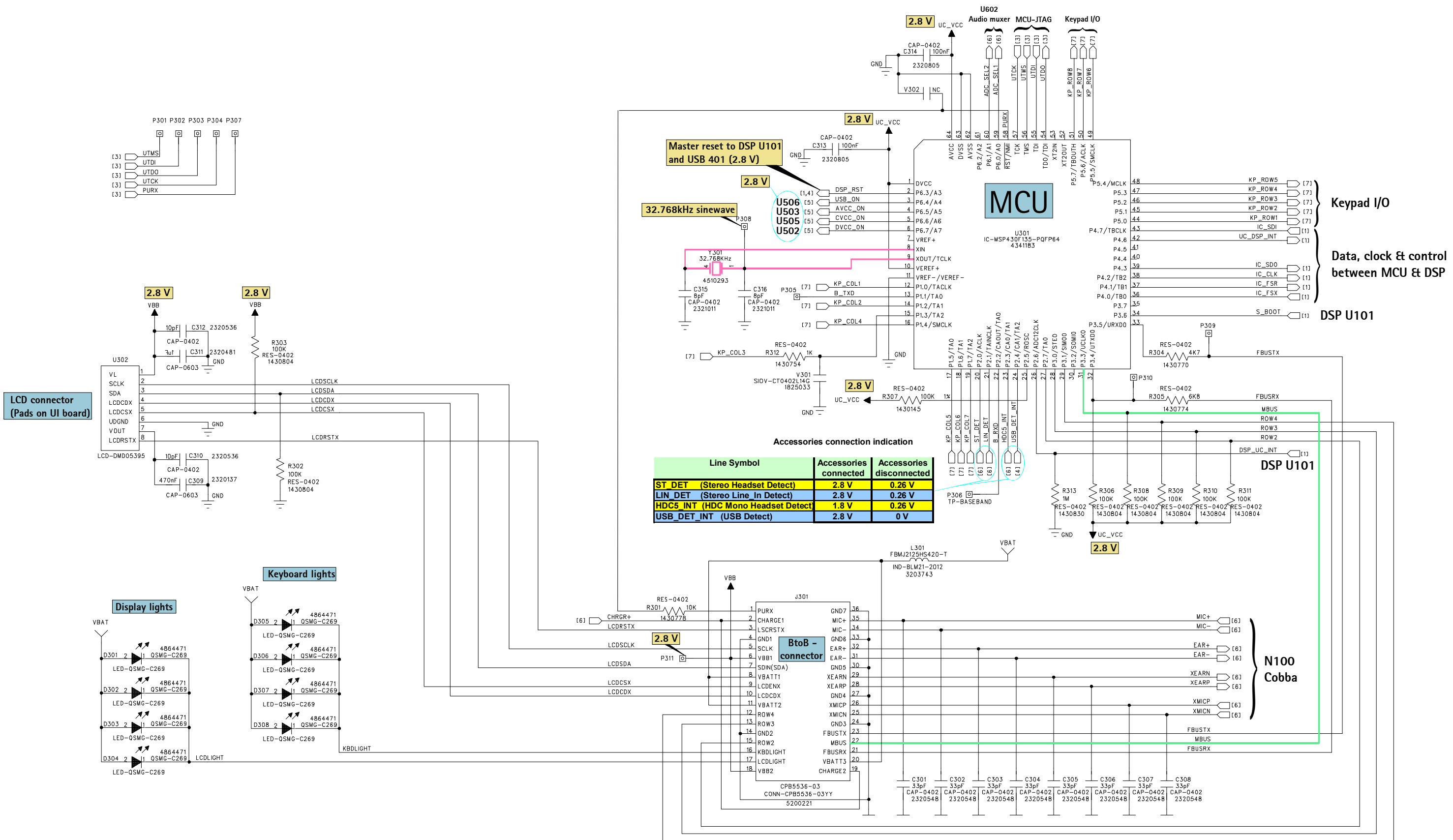


**Audio Routing**

	ADC_SEL1	ADC_SEL2
Line in	0 V	0 V
FMR Source	2.7 V	0 V
Phone Source	0 V	2.7 V
Invalid	2.7 V	2.7 V



LCD connector (Pads on UI board)

Display lights

Keyboard lights

Accessories connection indication

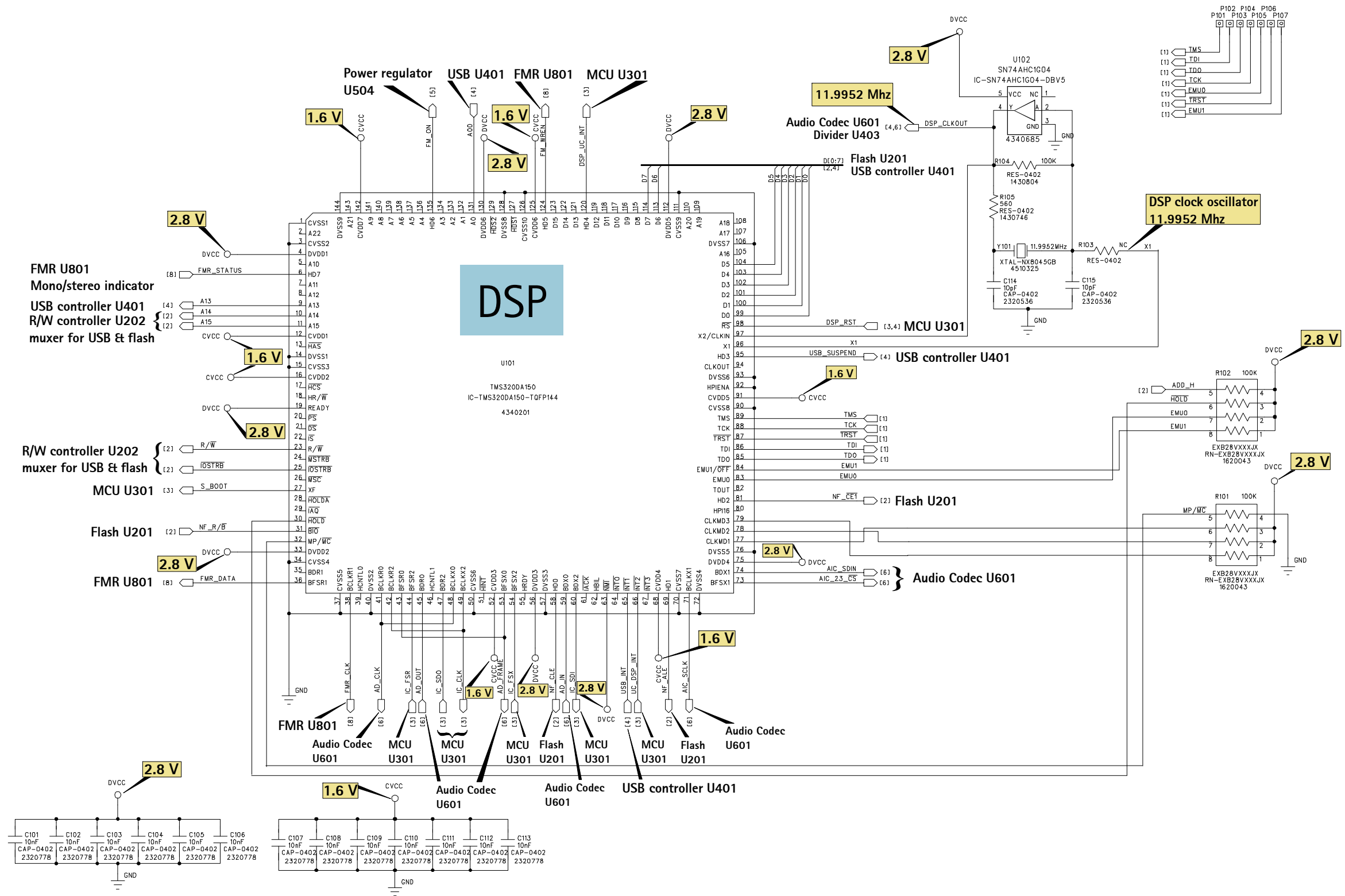
Line Symbol	Accessories connected	Accessories disconnected
ST_DET (Stereo Headset Detect)	2.8 V	0.26 V
LIN_DET (Stereo Line In Detect)	2.8 V	0.26 V
HDC5_INT (HDC Mono Headset Detect)	1.8 V	0.26 V
USB_DET_INT (USB Detect)	2.8 V	0 V

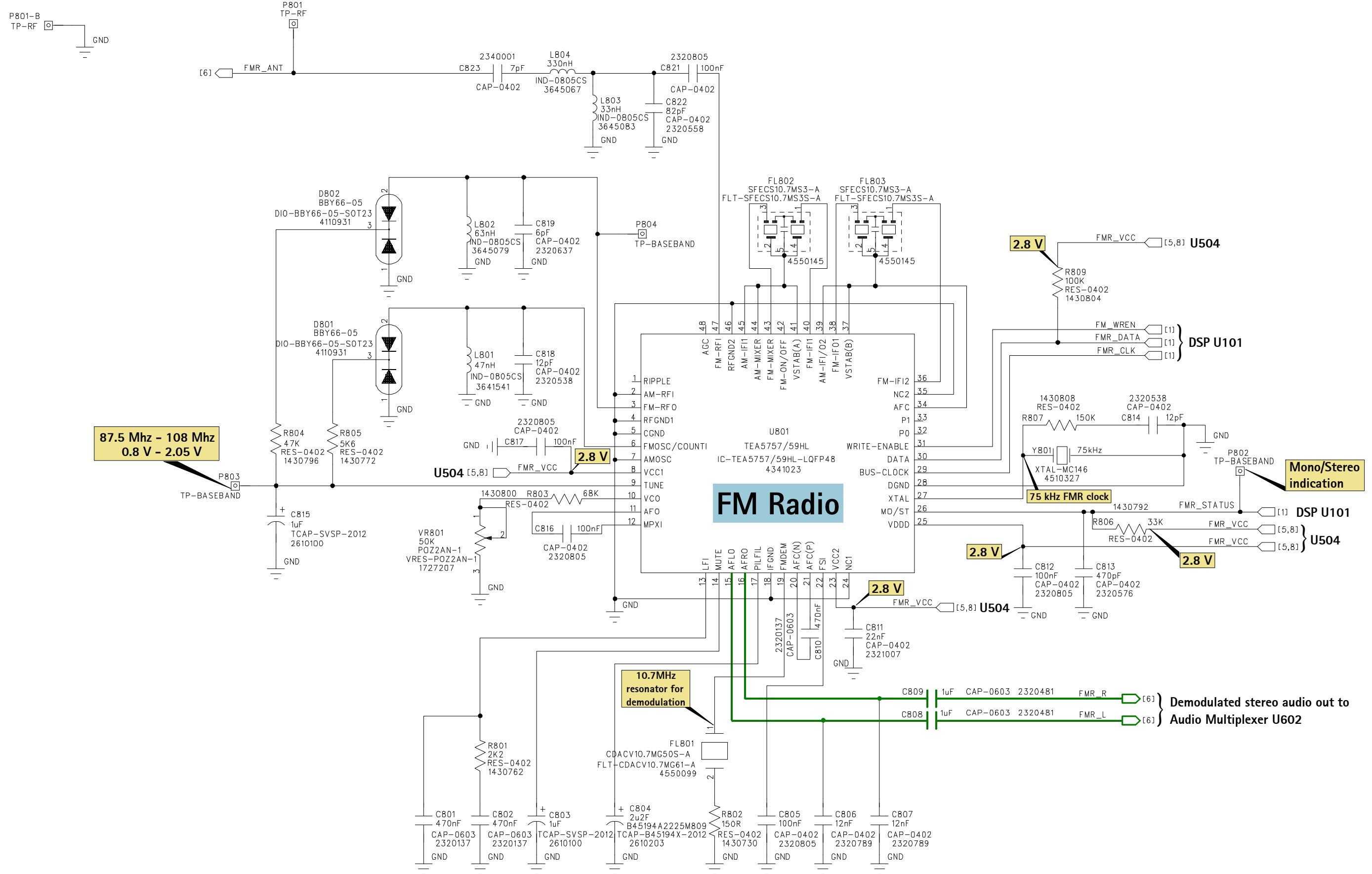
Keypad I/O

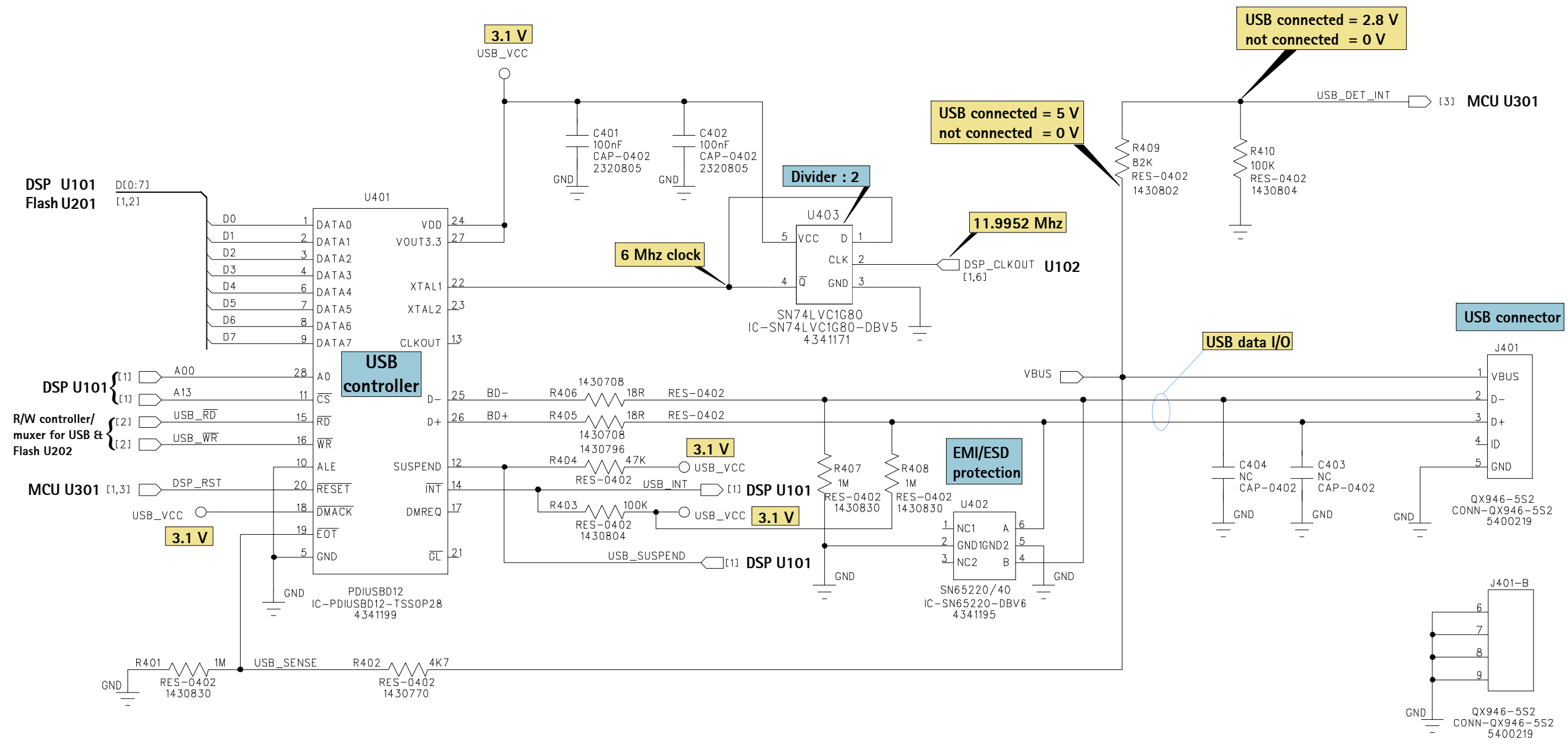
Data, clock & control between MCU & DSP

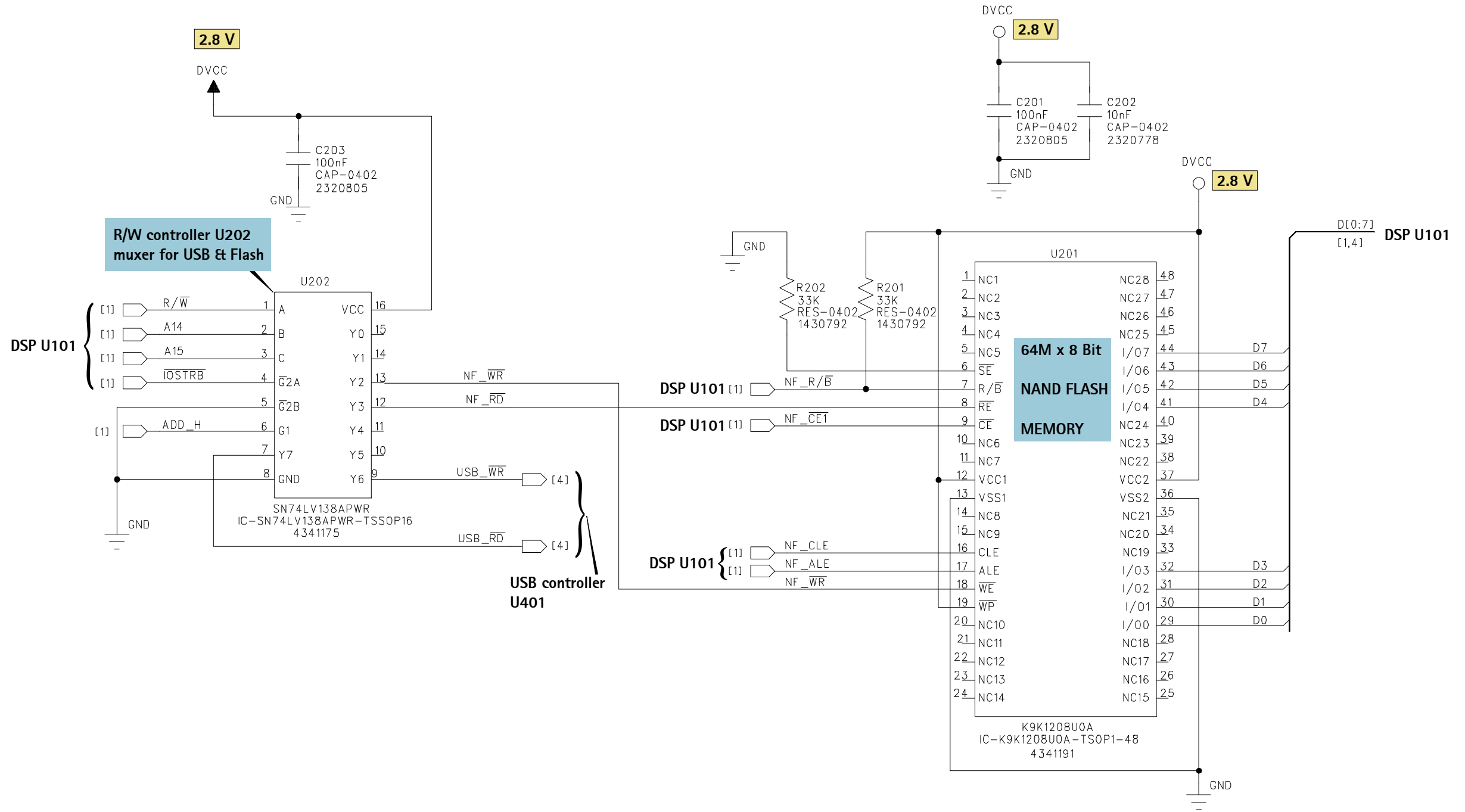
DSP U101

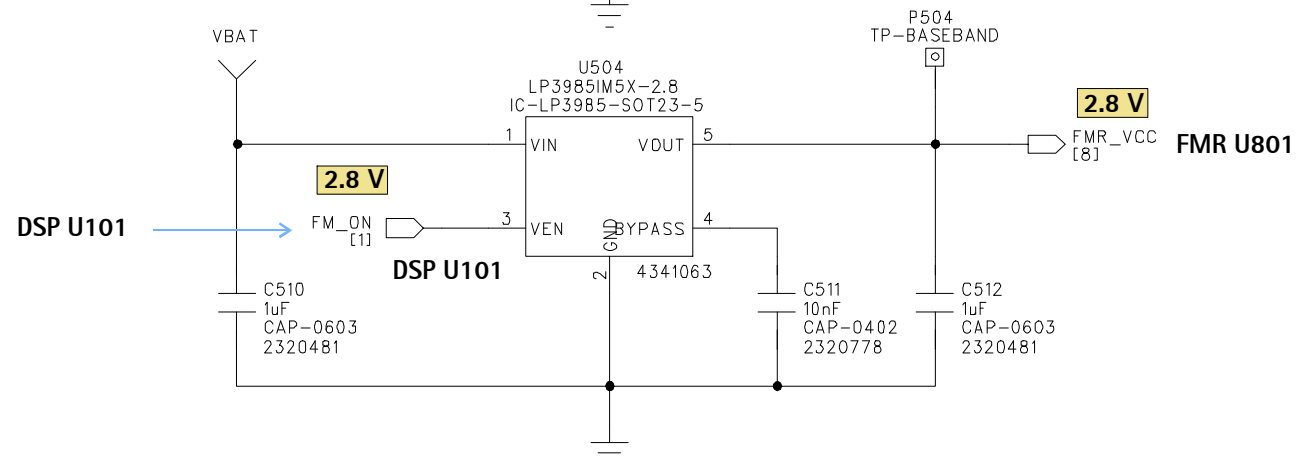
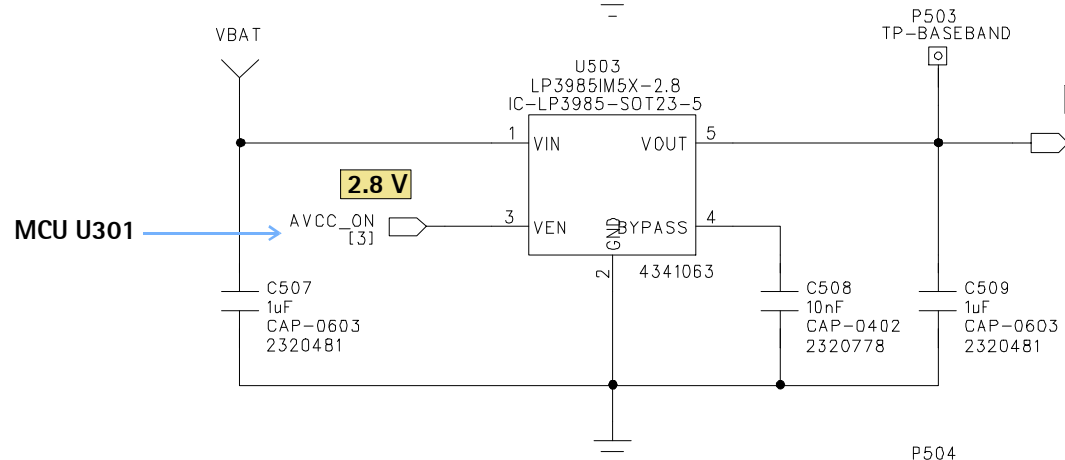
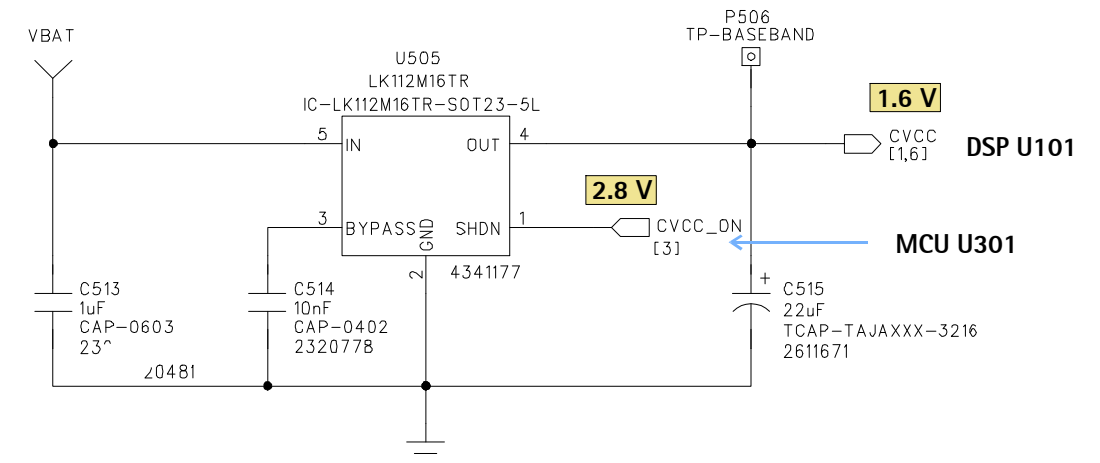
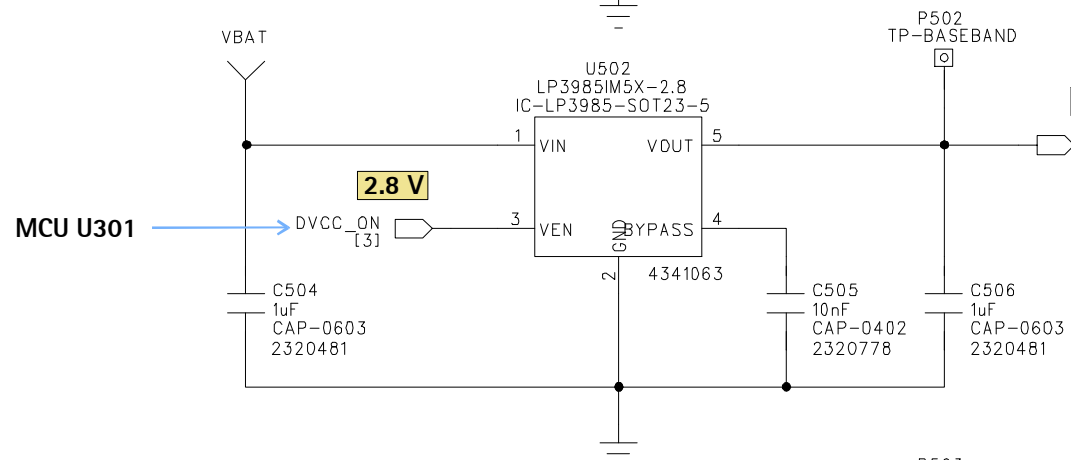
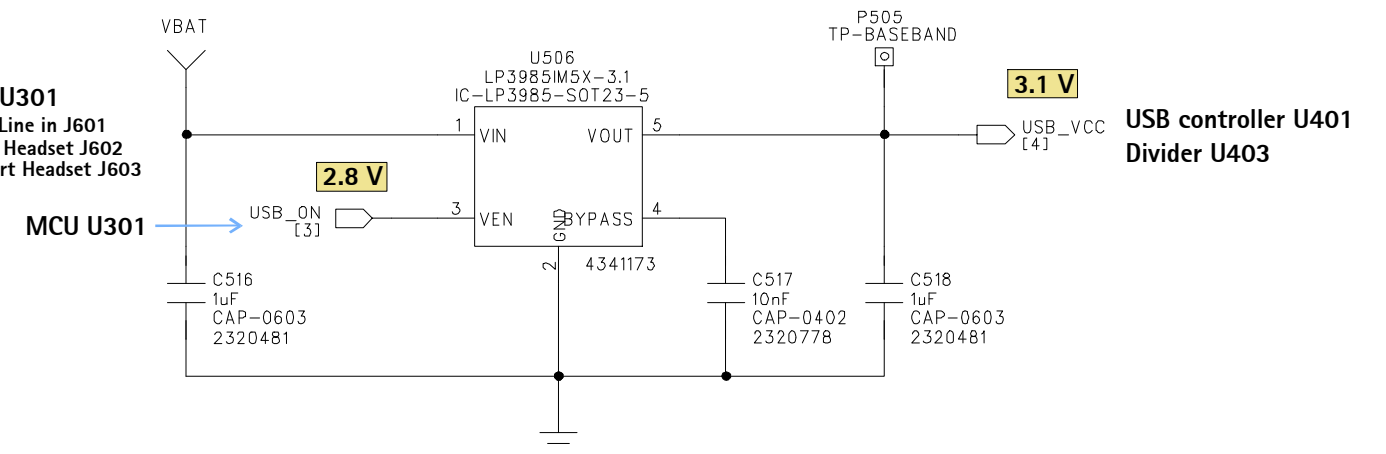
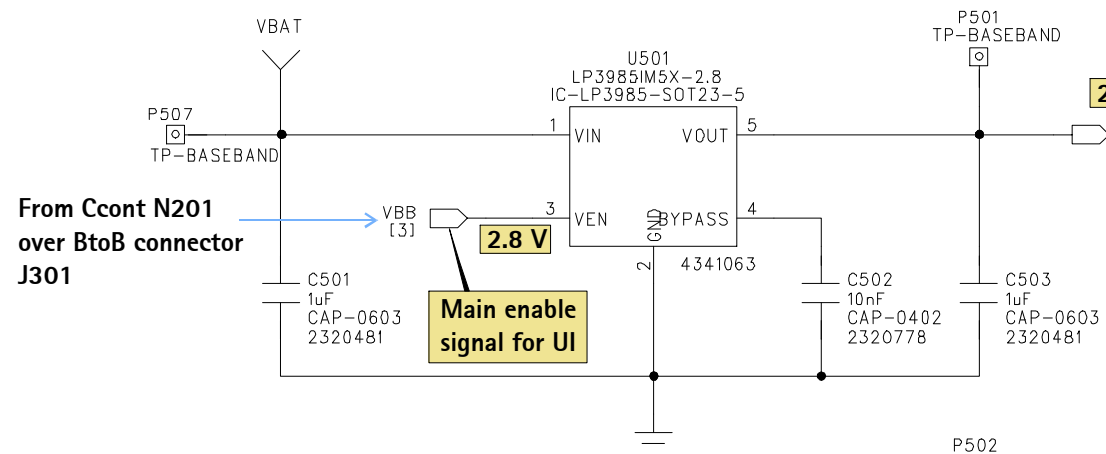
N100 Cobba





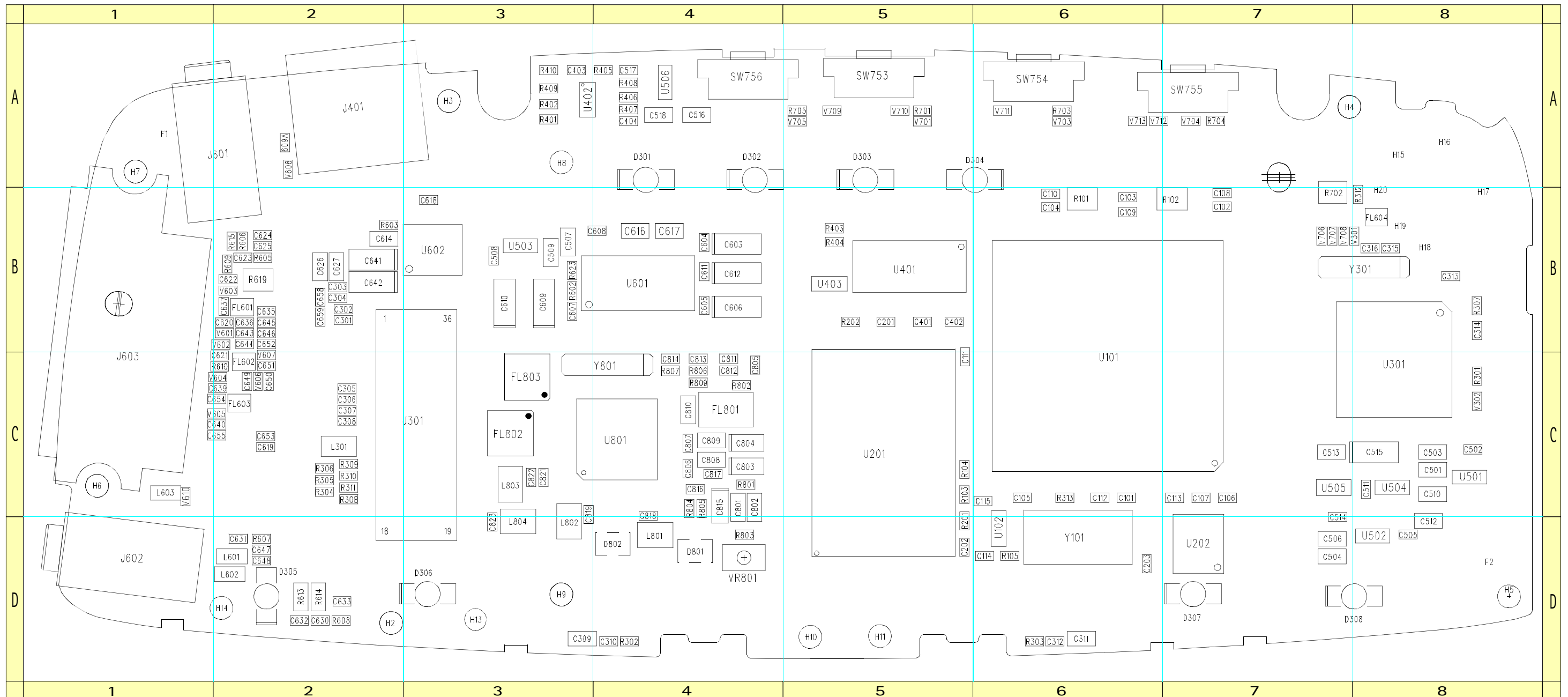


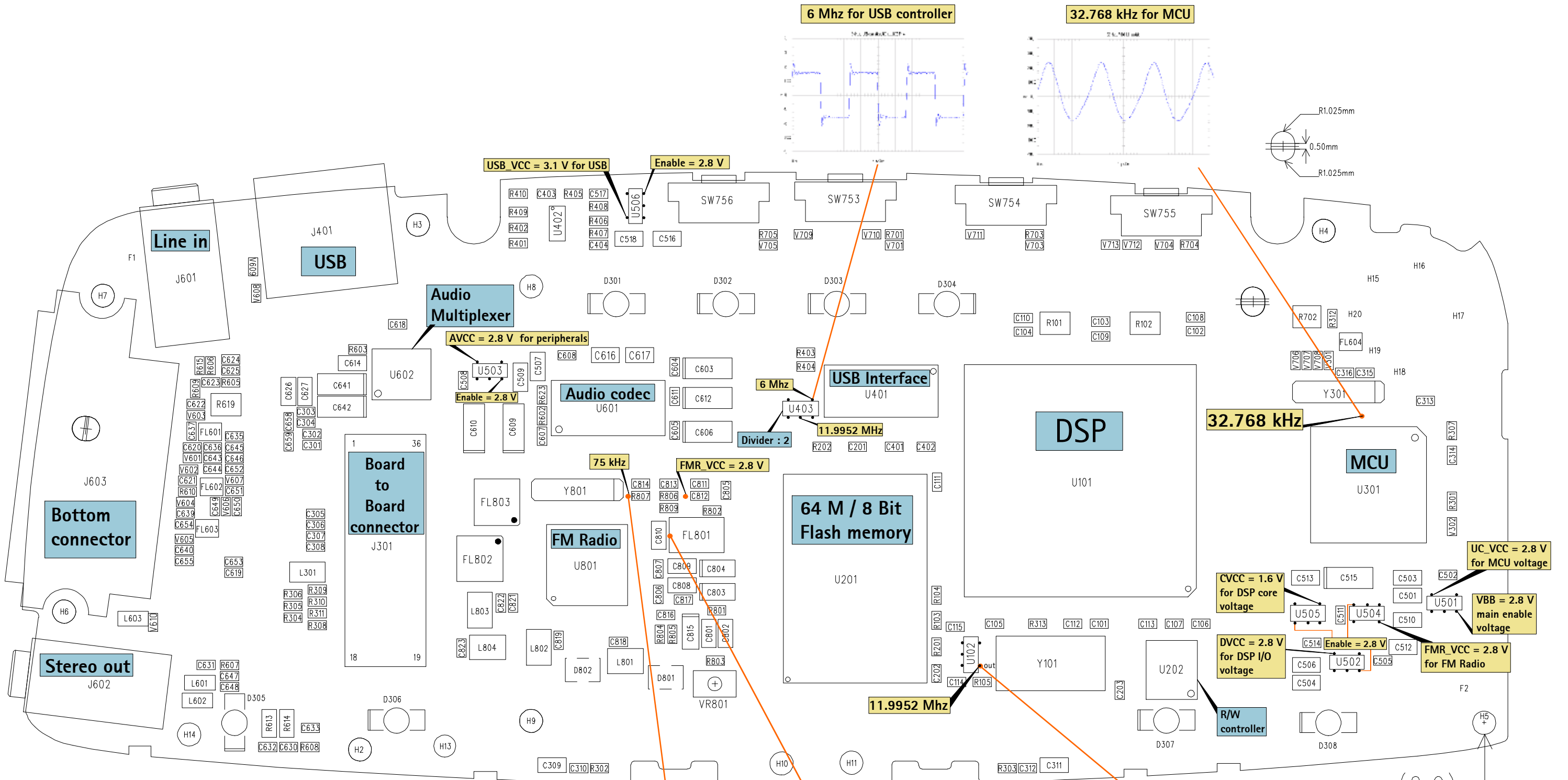






C101 - C6	C201 - B5	C314 - B8	C510 - C8	C611 - B4	C631 - D2	C649 - C2	C809 - C4	D303 - A5	J	M	R307 - B8	R410 - A3	R703 - A6	U	U602 - B3	V703 - A6
C102 - B7	C202 - D5	C315 - B8	C511 - C8	C612 - B4	C632 - D2	C650 - C2	C810 - C4	D304 - A6	J301 - C3	M101	R308 - C2	R602 - B3	R704 - A7	U101 - C6	U801 - C4	V704 - A7
C103 - B6	C203 - D6	C316 - B8	C512 - D8	C614 - B2	C633 - D2	C651 - C2	C811 - C4	D305 - D2	J401 - A2	R	R309 - C2	R603 - B2	R705 - A5	U102 - D6	V	V705 - A5
C104 - B6	C301 - B2	C401 - B5	C513 - C7	C616 - B4	C635 - B2	C652 - B2	C812 - C4	D306 - D3	J601 - A2	R101 - B6	R310 - C2	R605 - B2	R801 - C4	U201 - C5	V301 - B8	V706 - B7
C105 - C6	C302 - B2	C402 - B5	C514 - D7	C617 - B4	C636 - B2	C653 - C2	C813 - C4	D307 - D7	J602 - D1	R102 - B7	R311 - C2	R606 - B2	R802 - C4	U202 - D7	V302 - C8	V707 - B7
C106 - C7	C303 - B2	C403 - A3	C515 - C8	C618 - B3	C637 - B2	C654 - C2	C814 - C4	D308 - D8	J603 - B1	R103 - C5	R312 - B8	R607 - D2	R803 - D4	U301 - C8	V601 - B2	V708 - B7
C107 - C7	C304 - B2	C404 - A4	C516 - A4	C619 - C2	C639 - C2	C655 - C2	C815 - C4	D801 - D4	L	R104 - C5	R313 - C6	R608 - D2	R804 - C4	U401 - B5	V602 - B2	V709 - A5
C108 - B7	C305 - C2	C501 - C8	C517 - A4	C620 - B2	C640 - C2	C658 - B2	C816 - C4	D802 - D4	L301 - C2	R105 - D6	R401 - A3	R609 - B2	R805 - C4	U402 - A3	V603 - B2	V710 - A5
C109 - B6	C306 - C2	C502 - C8	C518 - A4	C621 - C2	C641 - B2	C659 - B2	C817 - C4	FL	L601 - D2	R201 - D5	R402 - A3	R610 - C2	R806 - C4	U403 - B5	V604 - C2	V711 - A6
C110 - B6	C307 - C2	C503 - C8	C603 - B4	C622 - B2	C642 - B2	C801 - C4	C818 - C4	FL601 - B2	L602 - D2	R202 - B5	R403 - B5	R613 - D2	R807 - C4	U501 - C8	V605 - C2	V712 - A6
C111 - C5	C308 - C2	C504 - D7	C604 - B4	C623 - B2	C643 - B2	C802 - C4	C819 - C3	FL602 - C2	L603 - C1	R301 - C8	R404 - B5	R614 - D2	R809 - C4	U502 - D8	V606 - C2	V713 - A6
C112 - C6	C309 - D3	C505 - D8	C605 - B4	C624 - B2	C644 - B2	C803 - C4	C821 - C3	FL603 - C2	L801 - D4	R302 - D4	R405 - A4	R615 - B2	SW	U503 - B3	V607 - C2	VR801 - D4
C113 - C7	C310 - D4	C506 - D7	C606 - B4	C625 - B2	C645 - B2	C804 - C4	C822 - C3	FL604 - B8	L802 - D3	R303 - D6	R406 - A4	R619 - B2	SW753 - A5	U504 - C8	V608 - A2	Y
C114 - D6	C311 - D6	C507 - B3	C607 - B3	C626 - B2	C646 - B2	C805 - C4	C823 - D3	FL801 - C4	L803 - C3	R304 - C2	R407 - A4	R623 - B3	SW754 - A6	U505 - C7	V609 - A2	Y101 - D6
C115 - C6	C312 - D6	C508 - B3	C608 - B4	C627 - B2	C647 - D2	C806 - C4	D301 - A4	FL802 - C3	L804 - D3	R305 - C2	R408 - A4	R701 - A5	SW755 - A7	U506 - A4	V610 - C1	Y301 - B8
C153 - C7	C313 - B8	C509 - B3	C610 - B3	C630 - D2	C648 - D2	C808 - C4	D302 - A4	FL803 - C3		R306 - C2	R409 - A3	R702 - B7	SW756 - A4	U601 - B4	V701 - A5	Y801 - C4





6 Mhz for USB controller

32.768 kHz for MCU

USB\_VCC = 3.1 V for USB  
Enable = 2.8 V

Audio Multiplexer  
AVCC = 2.8 V for peripherals  
Enable = 2.8 V

Audio codec  
U601

USB Interface  
U401

6 Mhz  
Divider : 2

11.9952 Mhz

32.768 kHz

MCU  
U301

DSP  
U101

64 M / 8 Bit  
Flash memory  
U201

FM Radio  
U801

75 kHz  
FMR\_VCC = 2.8 V

UC\_VCC = 2.8 V  
for MCU voltage

CVCC = 1.6 V  
for DSP core  
voltage

VBB = 2.8 V  
main enable  
voltage

DVCC = 2.8 V  
for DSP I/O  
voltage

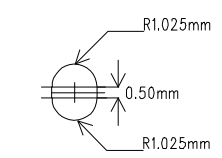
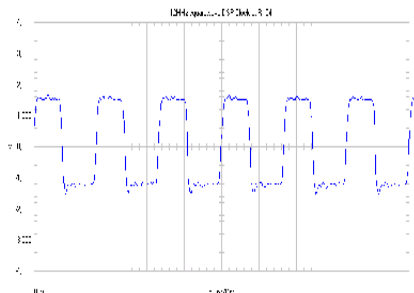
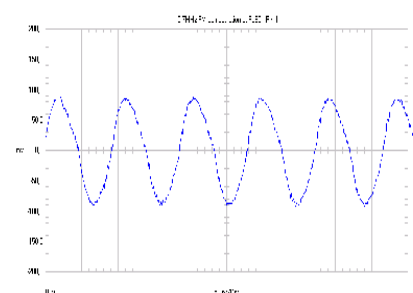
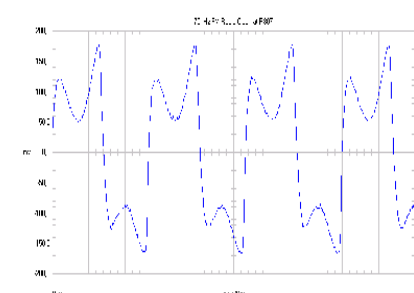
FMR\_VCC = 2.8 V  
for FM Radio

R/W  
controller

75 kHz for FM radio

10.7 Mhz demodulation frequency

11.9952 Mhz DSP clock



(0,0)

