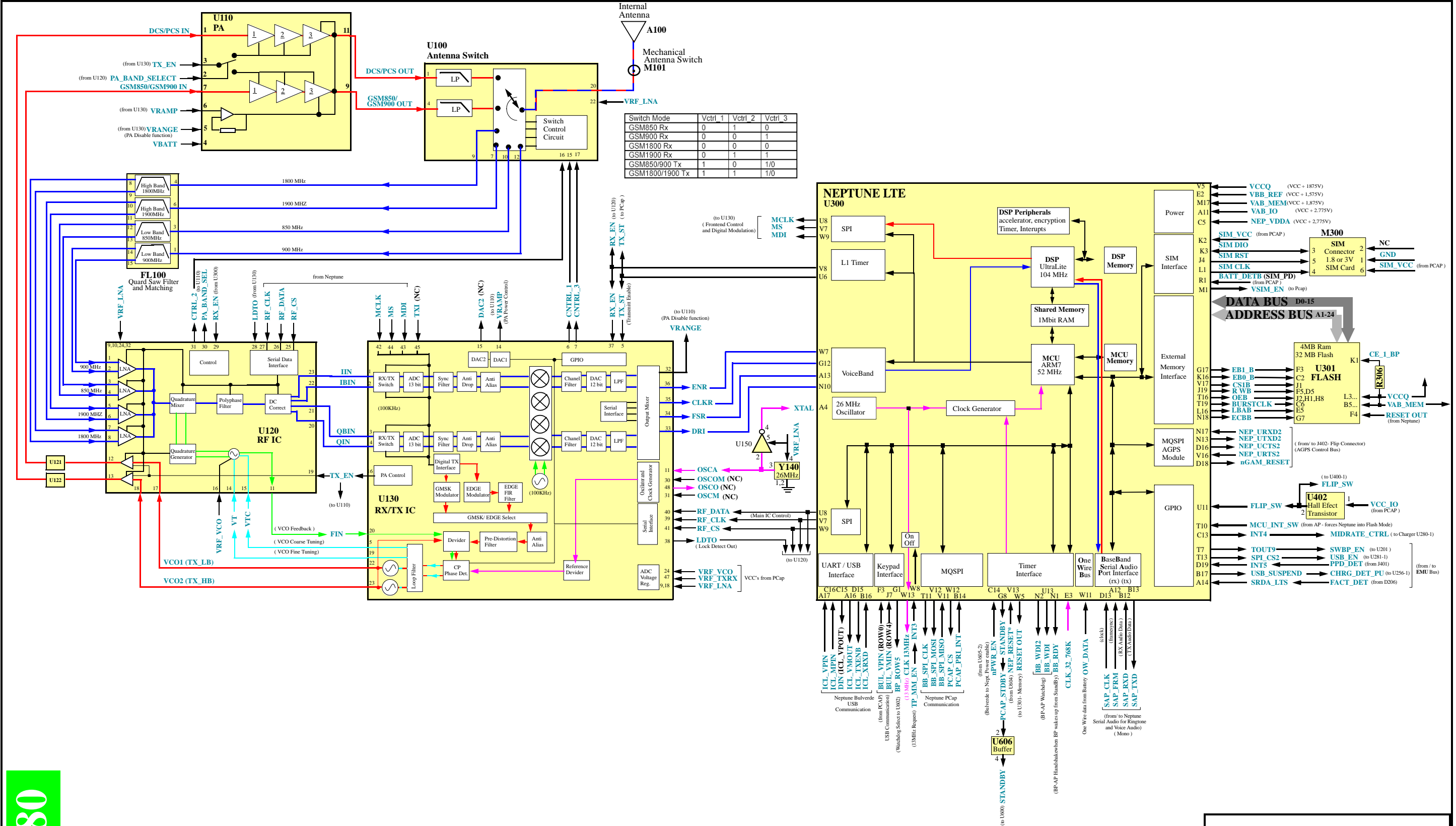


RX MID CHANNELS  
 850: CH190 -- 881,6  
 GSM: CH 62 -- 947,4MHz  
 EGSM: CH 37 -- 942,4MHz  
 DCS: CH 700 -- 1842,8MHz  
 PCS: CH 661 -- 1960MHz

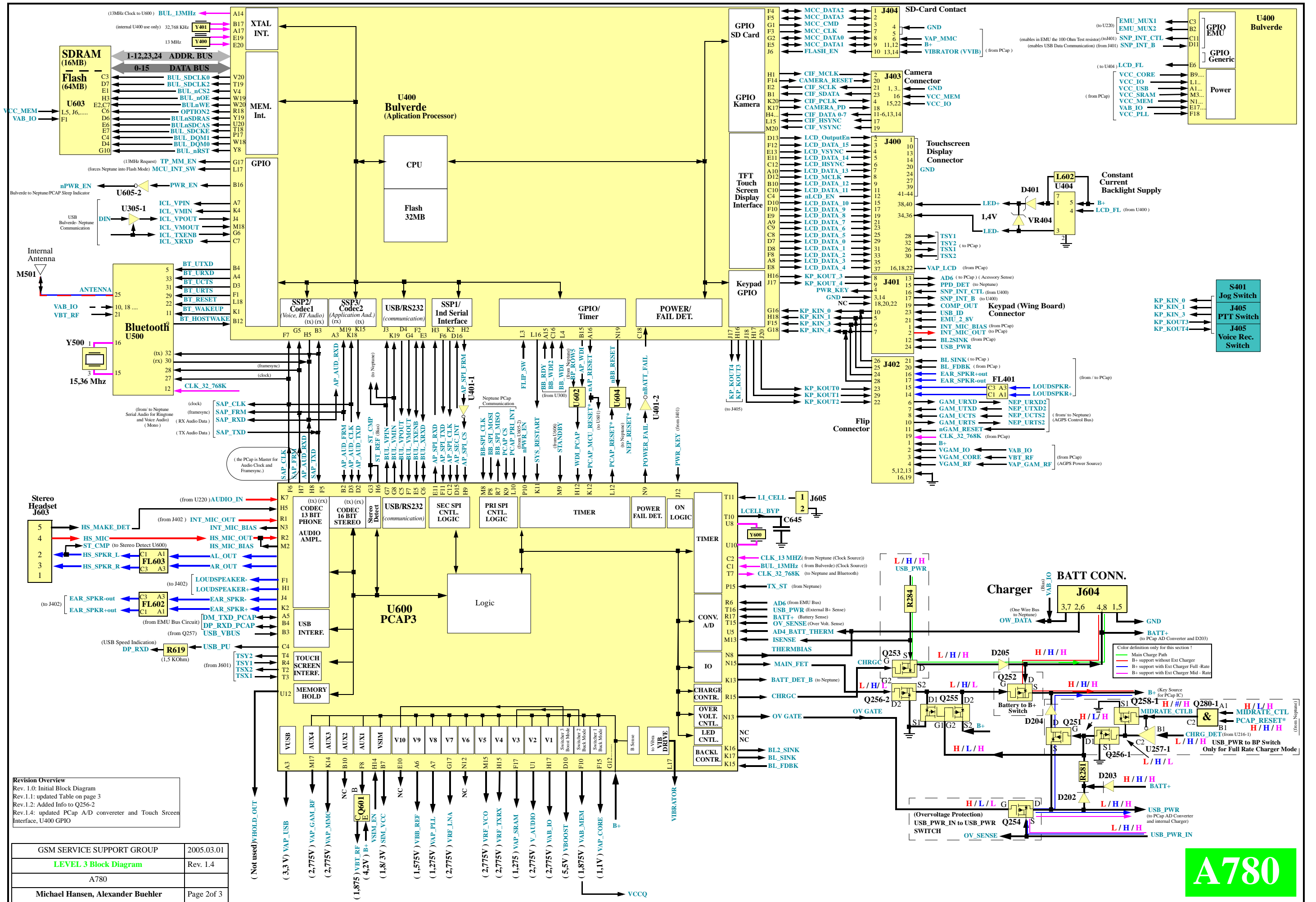
Switch Mode	Vctrl_1	Vctrl_2	Vctrl_3
GSM850 Rx	0	1	0
GSM900 Rx	0	0	1
GSM1800 Rx	0	0	0
GSM1900 Rx	0	1	1
GSM850/900 Tx	1	0	1/0
GSM1800/1900 Tx	1	1	1/0



A780

**Revision Overview**  
 Rev. 1.0: Initial Block Diagram  
 Rev.1.1: updated Table on page 3  
 Rev.1.2: Added Info to Q256-2  
 Rev.1.4: updated PCap A/D converter and Touch Screen Interface, U400 GPIO

GSM SERVICE SUPPORT GROUP	2005.03.01
LEVEL 3 AL Block Diagram	Rev. 1.4
A780	
Michael Hansen, Alexander Buehler	Page 1 of 3

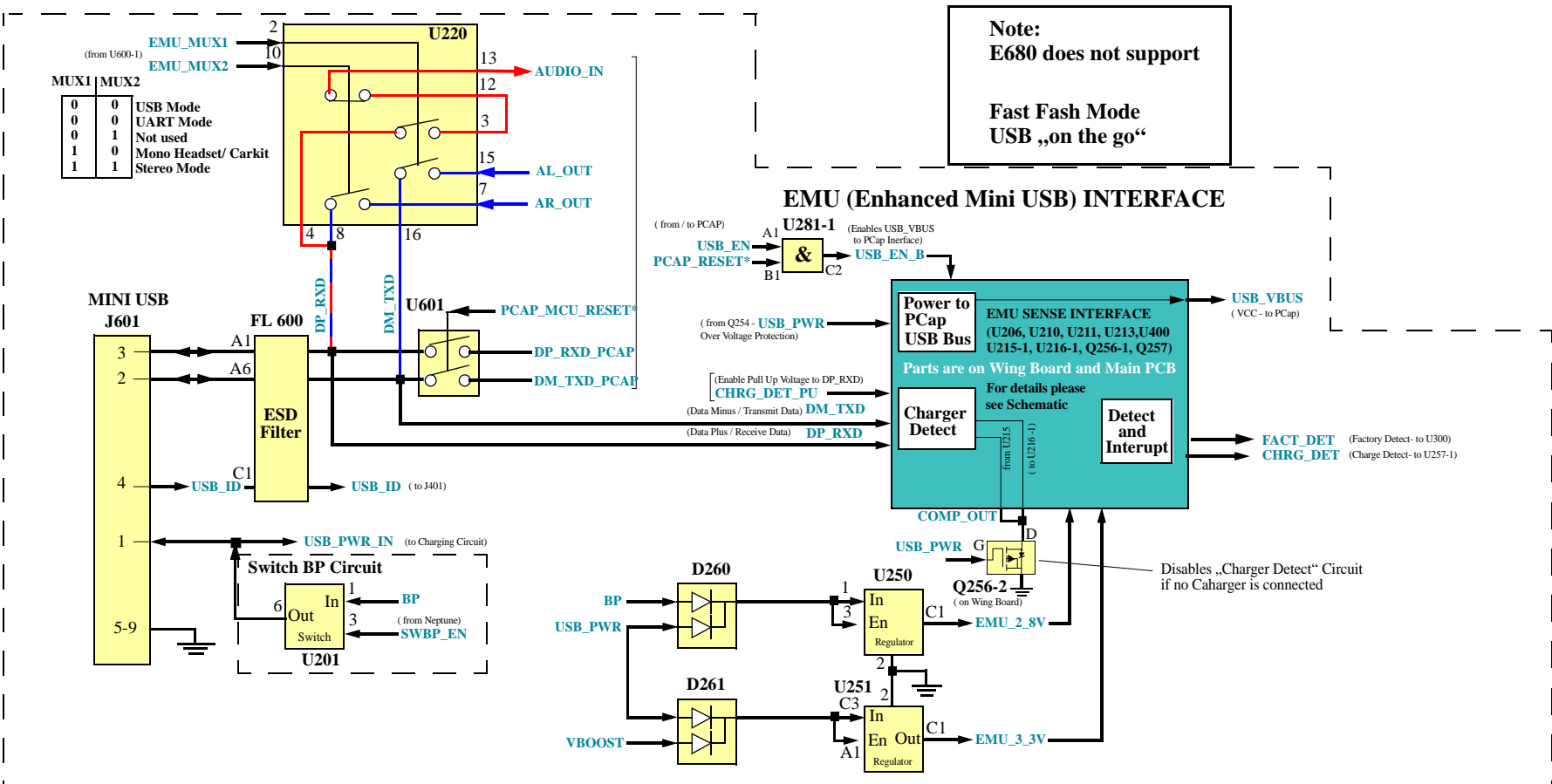


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GSM SERVICE SUPPORT GROUP	2005.03.01
<b>LEVEL 3 Block Diagram</b>	Rev. 1.4
A780	
Michael Hansen, Alexander Buehler	Page 2of 3

**A780**

Pin Number	Normal USB Acc.	Factory Test & Flash	High Voltage Flash	Mono Accessory	Stereo Accessory	Dumb PPD *3	Dumb Mid-Rate Charger (500mA)	Dumb Fast Charger (1,25A)	Battery Powered	Software Regression Testing	MPx Mid-Rate Charger (450mA)	MPx Dual-Rate VPA (450/850mA)	SIHF CarKit
1	VBUS	VBUS	VBUS	Phone PPD Level	Phone PPD Level	Phone PPD Level	5V	5V	VBUS	VBUS	5V	5V	
2	DM_TXD	DM_TXD	DM_TXD	HJACK_SPKR_L	HJACK_SPKR_L	DM_TXD	Short to DP_RXD	Short to DP_RXD	DM_TXD	DM_TXD	DP_RXD	DP_RXD	
3	DP_RXD	DP_RXD	DP_RXD	AUDIO_IN	HJACK_SPKR_R	DP_RXD	Short to DM_TXD	Short to DM_TXD	DP_RXD	DP_RXD	DM_TXD	DM_TXD	
4 (ID)	Open (2,8V)	4,75-5,25 *1, 3,0-3,3V *2	Open (2,8V)	102 K OHm +/- 1%	102 K OHm +/- 1%	102 K OHm +/- 1%	200 KOHm +/- 1%	440 KOHm +/- 1%	440 KOHm +/- 1% (Powers on the phone)	200 KOHm +/- 1%	100KOHm +/- 1%	10 KOHm +/- 1%	
5	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	
Shield	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	
	SW												
Signal Name													
USB_ID	Open (2,4V)	5V	9V	Open (2,4V)	Open (2,4V)	0V	1,225V	1,68V	1,68V	1,225V	0,82V	0,1V	
AD6	2,4V	3,4V	3,5V	2,4V	2,4V	0V	1,225V	1,68V	1,68V	1,225V	0,825V	0,1V	
PPD_DET	High	High	High	High	High	Low	High	High	High	High	Low	Low	
SMP_INT	High	High	High	High	High	Low	High	High	High	High	High	Low	
FACT_DET	Low	High	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	
CHRG_DET	Low	High	Low	Low	Low	Low	High	High	Low	Low	High	High	
MUX1	Low	Low	Low	High	High	Low	Low	Low	Low	Low	Low	Low	
MUX2	Low	Low	Low	Low	High	Low	Low	Low	Low	Low	Low	Low	
CHRG_DET_PU	High	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	
USB_EN	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	
USB_PWR	High	High	High	High	High	High	High	High	High	High	High	High	
USB_VBUS	5V	5V	5V	Phone PPD Level	Phone PPD Level	Phone PPD Level	5V	5V	5V	5V	5V	5V	
SNP_INT_CTL	High	High	High	High	High	High	High	High	High	High	High	High	



**A780**

GSM SERVICE SUPPORT GROUP	2005.03.01	<b>Revision Overview</b> Rev. 1.0: Initial Block Diagram Rev. 1.1: updated Table on page 3 Rev. 1.2: Added Info to Q256-2 Rev. 1.4: updated PCap A/D converter and Touch Screen Interface, U400 GPIO
LEVEL 3 AL Block Diagram	Rev. 1.4	
A780		
Michael Hansen, Alexander Buchler	Page 3 of 3	