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图纸名称: G90底板

所属项目: \*

作者: Jet Yee 日期: 2018/7/8 版本: 2.06

图纸号: 共 1 张 第 1 张

公司名称: 协谷通信



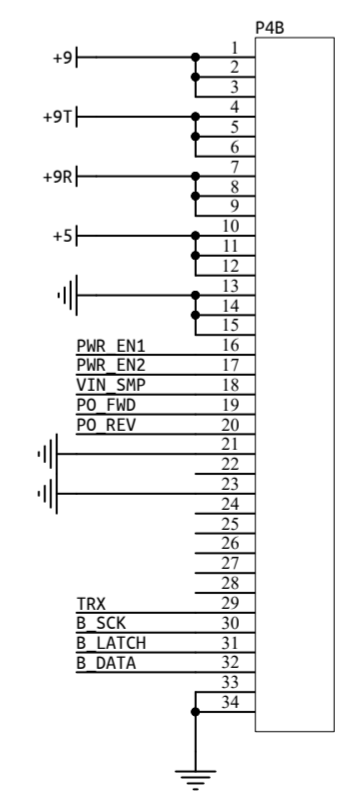
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DO07	1	B1	C1
DO06	2	B2	C2
DO05	3	B3	C3
DO04	4	B4	C4
DO03	5	B5	C5
DO02	6	B6	C6
DO01	7	B7	C7
DO00	8	B8	C8
	9	GND	COM
			+13.8

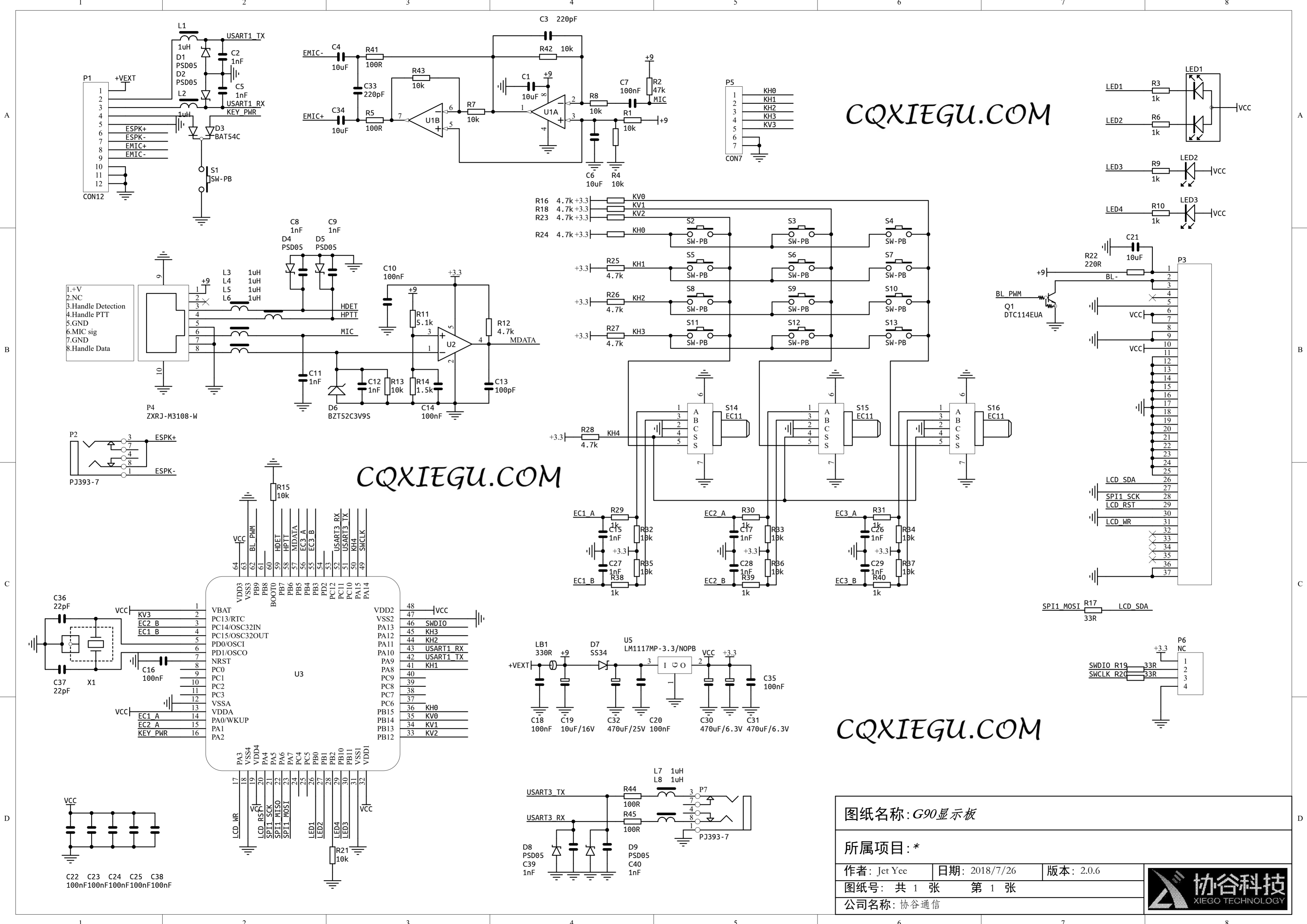
  

U5B			
DO15	1	B1	C1
DO14	2	B2	C2
DO13	3	B3	C3
DO12	4	B4	C4
DO11	5	B5	C5
DO10	6	B6	C6
DO09	7	B7	C7
DO08	8	B8	C8
	9	GND	COM
			+13.8

U7B			
DO23	1	B1	C1
DO22	2	B2	C2
DO21	3	B3	C3
DO20	4	B4	C4
DO19	5	B5	C5
DO18	6	B6	C6
DO17	7	B7	C7
DO16	8	B8	C8
	9	GND	COM
			+13.8





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图纸名称: G90显示板

所属项目: \*

作者: Jet Yee | 日期: 2018/7/26 | 版本: 2.0.6

图纸号: 共 1 张 第 1 张

公司名称: 协谷通信

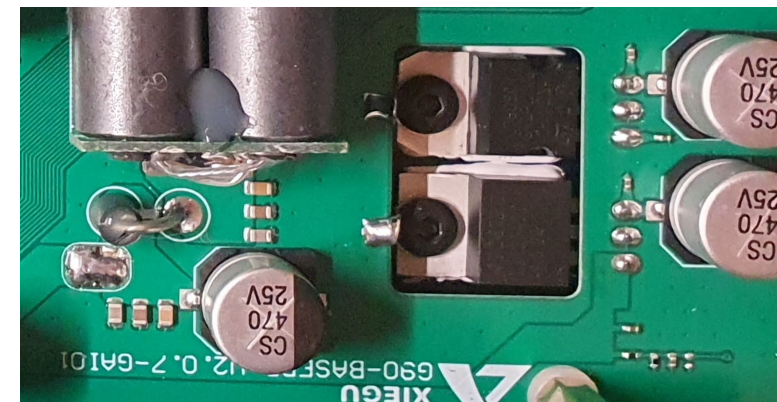
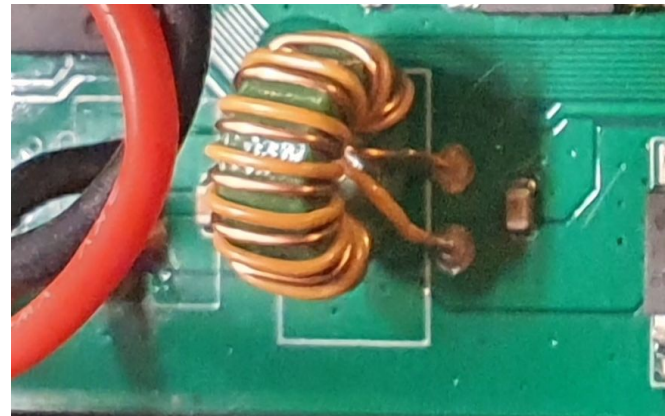
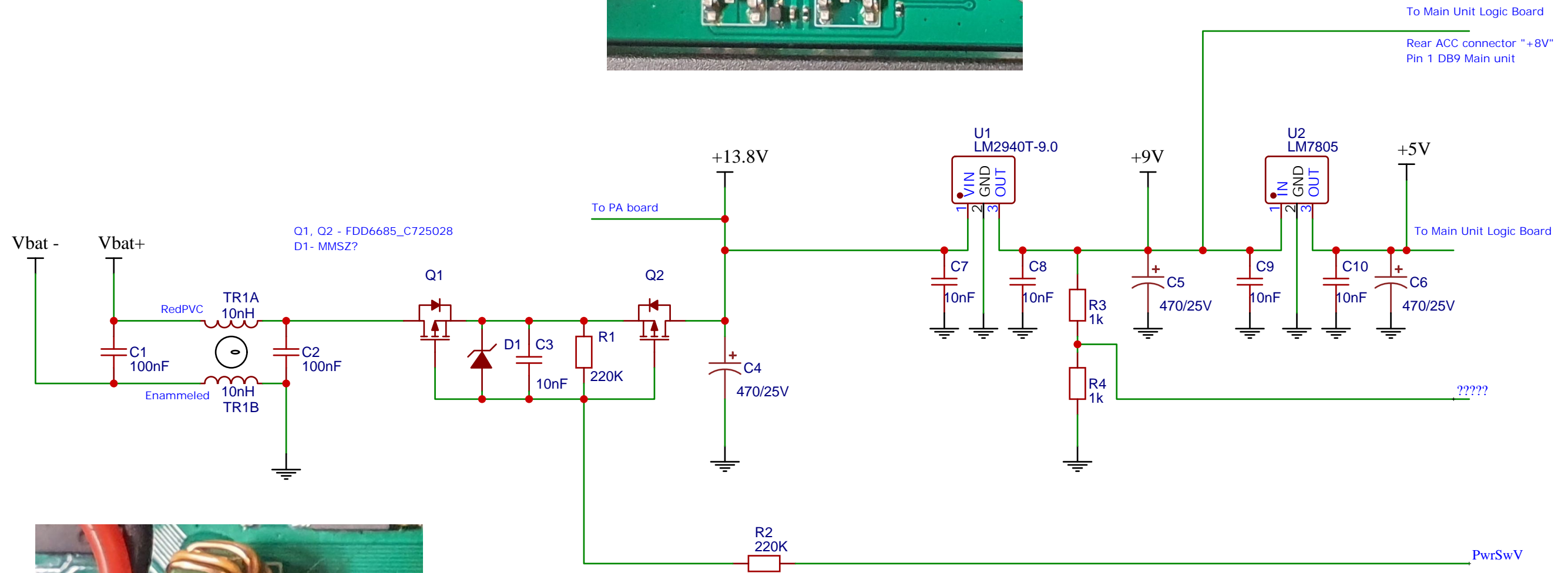
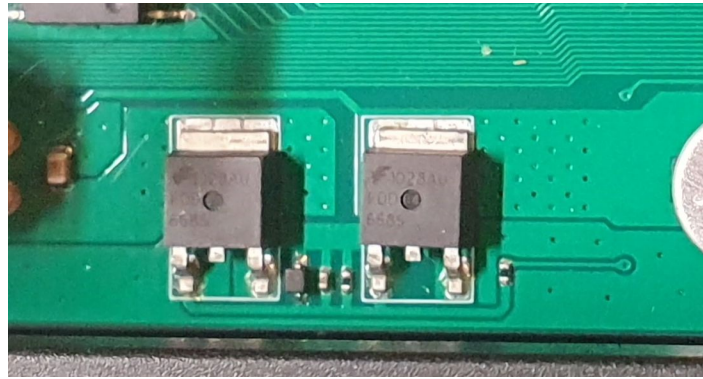


C22 C23 C24 C25 C38  
100nF 100nF 100nF 100nF 100nF



Xiegu G90 Main Board power supply section

G90-BASEBD-V2.0.7-GAI01 - S2



TITLE: G90-BASEBD-V2.0.7-GAI01 - S1		REV: 1.0
Company: YO3HJV		Sheet: 1/1
Date: 2021-07-17		Drawn By: yo3hjb

# XIEGU G90 CI-V Reference Table

CMD	Sub-CMD	DATA	Description
0x00	-	see table2-1	Set active VFO frequency
0x01	-	see table2-2	Set active VFO mode
0x02	-	see table2-3	Get frequency edge
0x03	-	see table2-1	Get active VFO frequency
0x04	-	see table2-2	Get active VFO mode
0x05	-	see table2-1	Set active VFO frequency
0x06	-	see table2-2	Set active VFO mode
0x07	-	-	Select the VFO mode
	0x00	-	Select VFO-A
	0x01	-	Select VFO-B
	0xb0	-	Swap VFO-A/B
0x0F	0x00	-	SPLT OFF
	0x01	-	SPLT ON
0x11	-	-	Get ATT
	0x00	-	ATT OFF
	0x01	-	ATT ON
0x14	0x01	0000 to 0255	Send/Read AF level (0~255 map to 0~100%)
	0x03	0000 to 0255	Send/Read SQL level (0~255 map to 0~100%)
	0x09	-	Get CW sidetone frequency
	0x0A	0000 to 0255	Send/Read Tx power (0~255 map to 1-20W)
	0x0C	0000 to 0255	Send/Read CW key speed (return values are in BCD code form, 5~50 WPM map to 0~255)
0x15	0x02	0000 to 0255	Get S-Meter (0000=S0, 0120=S9, 0241=S9+60)
	0x11	0000 to 0255	Get Power-Meter (0000=0%, 0143=50%, 213=100%)
	0x12	0000 to 0255	Get SWR-Meter (0000=SWR1.0, 0048=SWR1.5, 0080=SWR2.0, 0120=SWR3.0)
0x16	0x02	-	Get PRE switch
		0x00	PRE OFF
		0x01	PRE ON

	0x12	-	Get AGC switch
		0x00	AGC OFF
		0x01	AGC Fast
		0x02	AGC Slow
		0x03	AGC Auto
	0x22	-	Get NB switch
		0x00	NB OFF
		0x01	NB ON
	0x44	-	Get COMP switch
		0x00	COMP OFF
		0x01	COMP ON
	0x50	-	Get dial encoder lock status
	0x00	Dial encoder unlock	
	0x01	Dial encoder lock	
0x1C	-	-	Get PTT switch
	0x00	0x00	Release PTT
		0x01	Press PTT
	0x01	0x00	ATU OFF
		0x01	ATU ON
		0x02	ATU start tuning

xFE xFE xE0 x88 xXX xXX xXX xXX xFD

BCD			Revision 1.3 by IZ1UKX
Byte0	D[7:4]	10Hz	Command work fine
	D[3:0]	1Hz	
Byte1	D[7:4]	1kHz	Command verifying, work in progress
	D[3:0]	100Hz	Command does not work
Byte2	D[7:4]	100kHz	
	D[3:0]	10kHz	
Byte3	D[7:4]	10MHz	
	D[3:0]	1MHz	



Byte4	D[7:4]	1GHz
	D[3:0]	100MHz

DATA	MODE
0x00	LSB
0x01	USB
0x02	AM
0x03	CW
0x07	CWR

Lower	Separator	Higher edge
BCD	'.'	BCD frequency

**NOTE: This CAT table is experimental.**

**It is possible that there are errors.**

**I decline all responsibility.**

**We welcome the report of anyone who notices errors.**