

STAR FMS Crate Cable Map

November 15, 2017

VME Slot	Source	RCF2 Output Connector	Output Crate	Output Slot	Output module Adrs #
	L1_RCF2	J10	L1	Ch0b	
3 (0x25003C)	RCC2	Ch0a	QT1		QT1-BOC
3 (0x25003C)	RCC2	Ch0b	QT2		QT2-BOC
3 (0x250040)	RCC2	Ch1a	FMS	7	FM101
3 (0x250040)	RCC2	Ch1b	FMS	15	FM103
3 (0x250044)	RCC2	Ch2a	FMS	16	FM009
3 (0x250044)	RCC2	Ch2b	FMS	17	FM010
3 (0x250048)	RCC2	Ch3a	FMS	11	FM005
3 (0x250048)	RCC2	Ch3b	FMS	12	FM006
3 (0x25004C)	RCC2	Ch4a	FMS	5	FM001
3 (0x25004C)	RCC2	Ch4b	FMS	6	FM002
3 (0x250050)	RCC2	Ch5a	QT3		QT3-BOC
3 (0x250050)	RCC2	Ch5b	QT4		QT4-BOC
3 (0x250054)	RCC2	Ch6a	FMS	20	FM104
3 (0x250054)	RCC2	Ch6b	FMS	10	FM102
3 (0x250058)	RCC2	Ch7a	FMS	18	FM011
3 (0x250058)	RCC2	Ch7b	FMS	19	FM012
3 (0x25005C)	RCC2	Ch8a	FMS	13	FM007
3 (0x25005C)	RCC2	Ch8b	FMS	14	FM008
3 (0x250060)	RCC2	Ch9a	FMS	8	FM003
3 (0x250060)	RCC2	Ch9b	FMS	9	FM004

DSMSlot	DSM Adrs	DSMI/TCUI Input Connector	Crate	Input Slot	Input module Adrs #	DIB/DSMI/RCF Output
5	FM001	JP2 – In Ch 0	QT1	9	QT1:D (0x13)	P3 Out 0-15 – small cell adc
5	FM001	JP7 – In Ch 1	QT1	9	QT1:D (0x13)	P3 Out 16-31 – small cell adc
5	FM001	JP3 – In Ch 2	QT1	8	QT1:C (0x12)	P3 Out 0-15 – small cell adc
5	FM001	JP8 – In Ch 3	QT1	8	QT1:C (0x12)	P3 Out 16-31 – small cell adc
5	FM001	JP4 – In Ch 4	QT1	7	QT1:B (0x11)	P3 Out 0-15 – small cell adc
5	FM001	JP9 – In Ch 5	QT1	7	QT1:B (0x11)	P3 Out 16-31 – small cell adc
5	FM001	JP5 – In Ch 6	QT1	6	QT1:A (0x10)	P3 Out 0-15 – small cell adc
5	FM001	JP10 – In Ch 7	QT1	6	QT1:A (0x10)	P3 Out 16-31 – small cell adc
5	FM001	JP11 – RC & Control	FMS	2:3B	RCF 0X25	
5	FM001	JP13 – Chain Block In	N/A			
6	FM002	JP2 – In Ch 0	QT2	9	QT2:D (0x13)	P3 Out 0-15 – small cell adc
6	FM002	JP7 – In Ch 1	QT2	9	QT2:D (0x13)	P3 Out 16-31 – small cell adc
6	FM002	JP3 – In Ch 2	QT2	8	QT2:C (0x12)	P3 Out 0-15 – small cell adc
6	FM002	JP8 – In Ch 3	QT2	8	QT2:C (0x12)	P3 Out 16-31 – small cell adc
6	FM002	JP4 – In Ch 4	QT2	7	QT2:B (0x11)	P3 Out 0-15 – small cell adc
6	FM002	JP9 – In Ch 5	QT2	7	QT2:B (0x11)	P3 Out 16-31 – small cell adc

6	FM002	JP5 – In Ch 6	QT2	6	QT2:A (0x10)	P3 Out 16-31– small cell adc
6	FM002	JP10 – In Ch 7	QT2	6	QT2:A (0x10)	P3 Out 0-15– small cell adc
6	FM002	JP11 – RC & Control	FMS	2:8B	RCF 0X25	
6	FM002	JP13 – Chain Block In	FMS	5	FM001	JP12 - Chain Block Out
7	FM101	JP2 – In Ch 0	FMS	5	FMS 0x21	JP1 - Out 0-15
7	FM101	JP7 – In Ch 1	FMS	5	FMS 0x21	JP6 - Out 16-31
7	FM101	JP3 – In Ch 2	FMS	6	FMS 0x10	JP1 – Out 0-15
7	FM101	JP8 – In Ch 3	FMS	6	FMS 0x10	JP6 – Out 16-31
7						
7						
7						
7	FM101	JP11 – RC & Control	FMS	3:1A	RCF 0X25	
7	FM101	JP13 – Chain Block In	FMS	6	FM002	JP12 - Chain Block Out
8	FM003	JP2 – In Ch 0	QT3	9	QT3:D (0x13)	P3 Out 0-15– small cell adc
8	FM003	JP7 – In Ch 1	QT3	9	QT3:D (0x13)	P3 Out 16-31– small cell adc
8	FM003	JP3 – In Ch 2	QT3	8	QT3:C (0x12)	P3 Out 0-15– small cell adc
8	FM003	JP8 – In Ch 3	QT3	8	QT3:C (0x12)	P3 Out 16-31– small cell adc
8	FM003	JP4 – In Ch 4	QT3	7	QT3:B (0x11)	P3 Out 0-15 – small cell adc
8	FM003	JP9 – In Ch 5	QT3	7	QT3:B (0x11)	P3 Out 16-31– small cell adc
8	FM003	JP5 – In Ch 6	QT3	6	QT3:A (0x10)	P3 Out 0-15– small cell adc
8	FM003	JP10 – In Ch 7	QT3	6	QT3:A (0x10)	P3 Out 16-31– small cell adc
8	FM003	JP11 – RC & Control	FMS	2:2B	RCF 0X25	
8	FM003	JP13 – Chain Block In	FMS	7	FM101	JP12 - Chain Block Out
9	FM004	JP2 – In Ch 0	QT4	9	QT4:D (0x13)	P3 Out 0-15– small cell adc
9	FM004	JP7 – In Ch 1	QT4	9	QT4:D (0x13)	P3 Out 16-31– small cell adc
9	FM004	JP3 – In Ch 2	QT4	8	QT4:C (0x12)	P3 Out 0-15– small cell adc
9	FM004	JP8 – In Ch 3	QT4	8	QT4:C (0x12)	P3 Out 16-31– small cell adc
9	FM004	JP4 – In Ch 4	QT4	7	QT4:B (0x11)	P3 Out 0-15– small cell adc
9	FM004	JP9 – In Ch 5	QT4	7	QT4:B (0x11)	P3 Out 16-31– small cell adc
9	FM004	JP5 – In Ch 6	QT4	6	QT4:A (0x10)	P3 Out 0-15– small cell adc
9	FM004	JP10 – In Ch 7	QT4	6	QT4:A (0x10)	P3 Out 16-31– small cell adc
9	FM004	JP11 – RC & Control	FMS	2:7A	RCF 0X25	
9	FM004	JP13 – Chain Block In	FMS	8	FM003	JP12 - Chain Block Out
10	FM102	JP4 – In Ch 4	FMS	8	FMS 0x12	JP1 – Out 0-15
10	FM102	JP9 – In Ch 5	FMS	8	FMS 0x12	JP6 – Out 16-31
10	FM102	JP5 – In Ch 6	FMS	9	FMS 0x13	JP1 - Out 0-15
10	FM102	JP10 – In Ch 7	FMS	9	FMS 0x13	JP6 - Out 16-31
10						
10						

10						
10						
10	FM102	JP11 – RC & Control	FMS	3:6B	RCF 0X25	
10	FM102	JP13 – Chain Block In	FMS	9	FM004	JP12 - Chain Block Out
11	FM005	JP2 – In Ch 0	QT1	15	QT1:J (0x19)	P3 Out 0-15
11	FM005	JP7 – In Ch 1	QT1	15	QT1:J (0x19)	P3 Out 16-31
11	FM005	JP3 – In Ch 2	QT1	14	QT1:I (0x18)	P3 Out 0-15
11	FM005	JP8 – In Ch 3	QT1	14	QT1:I (0x18)	P3 Out 16-31
11	FM005	JP4 – In Ch 4	QT1	13	QT1:H (0x17)	P3 Out 0-15
11	FM005	JP9 – In Ch 5	QT1	13	QT1:H (0x17)	P3 Out 16-31
11	FM005	JP5 – In Ch 6	QT1	12	QT1:G (0x16)	P3 Out 0-15
11	FM005	JP10 – In Ch 7	QT1	12	QT1:G (0x16)	P3 Out 16-31
11	FM005	JP11 – RC & Control	FMS	3:3A	RCF 0X25	
11	FM005	JP13 – Chain Block In	FMS	10	FM102	JP12 - Chain Block Out
12	FM006	JP2 – In Ch 0	QT1	11	QT1:F (0x15)	P3 Out 0-15
12	FM006	JP7 – In Ch 1	QT1	11	QT1:F (0x15)	P3 Out 16-31
12	FM006	JP3 – In Ch 2	QT1	10	QT1:E (0x14)	P3 Out 0-15
12	FM006	JP8 – In Ch 3	QT1	10	QT1:E (0x14)	P3 Out 16-31
12	FM006	JP4 – In Ch 4				
12	FM006	JP9 – In Ch 5				
12	FM006	JP5 – In Ch 6				
12	FM006	JP10 – In Ch 7				
12	FM006	JP11 – RC & Control	FMS	3:3B	RCF 0x25	
12	FM006	JP13 – Chain Block In	FMS	11	FM005	JP12 - Chain Block Out
13	FM007	JP2 – In Ch 0	QT2	15	QT2:J (0x19)	P3 Out 0-15
13	FM007	JP7 – In Ch 1	QT2	15	QT2:J (0x19)	P3 Out 16-31
13	FM007	JP3 – In Ch 2	QT2	14	QT2:I (0x18)	P3 Out 0-15
13	FM007	JP8 – In Ch 3	QT2	14	QT2:I (0x18)	P3 Out 16-31
13	FM007	JP4 – In Ch 4	QT2	13	QT2:H (0x17)	P3 Out 0-15
13	FM007	JP9 – In Ch 5	QT2	13	QT2:H (0x17)	P3 Out 16-31
13	FM007	JP5 – In Ch 6	QT2	12	QT2:G (0x16)	P3 Out 0-15
13	FM007	JP10 – In Ch 7	QT2	12	QT2:G (0x16)	P3 Out 16-31
13	FM007	JP11 – RC & Control	FMS	3:8A	RCF 0X25	
13	FM007	JP13 – Chain Block In	FMS	12	FM006	JP12 - Chain Block Out
14	FM008	JP2 – In Ch 0	QT2	11	QT2:F (0x15)	P3 Out 0-15
14	FM008	JP7 – In Ch 1	QT2	11	QT2:F (0x15)	P3 Out 16-31
14	FM008	JP3 – In Ch 2	QT2	10	QT2:E (0x14)	P3 Out 0-15
14	FM008	JP8 – In Ch 3	QT2	10	QT2:E (0x14)	P3 Out 16-31
14	FM008	JP4 – In Ch 4				
14	FM008	JP9 – In Ch 5				

14	FM008	JP5 – In Ch 6				
14	FM008	JP12 – In Ch 7				
14	FM008	JP11 – RC & Control	FMS	3:8B	RCF 0X25	
14	FM008	JP13 – Chain Block In	FMS	13	FM007	JP12 - Chain Block Out
15	FM103	JP2 – In Ch 0	FMS	11	FMS 0x15	JP1 - Out 0-15
15	FM103	JP7 – In Ch 1	FMS	11	FMS 0x15	JP6 - Out 16-31
15	FM103	JP3 – In Ch 2	FMS	12	FMS 0x16	JP1 – Out 0-15
15	FM103	JP8 – In Ch 3	FMS	12	FMS 0x16	JP6 – Out 16-31
15	FM103	JP4 – In Ch 4	FMS	13	FMS 0x17	JP1 – Out 0-15
15	FM103	JP9 – In Ch 5	FMS	13	FMS 0x17	JP6 – Out 16-31
15	FM103	JP5 – In Ch 6	FMS	14	FMS 0x18	JP1 - Out 0-15
15	FM103	JP10 – In Ch 7	FMS	14	FMS 0x18	JP6 - Out 16-31
15	FM103	JP11 – RC & Control	FMS	3:1B	RCF 0X25	
15	FM103	JP13 – Chain Block In	FMS	14	FM008	JP12 - Chain Block Out
16	FM009	JP2 – In Ch 0	QT3	15	QT3:J (0x19)	P3 Out 0-15
16	FM009	JP7 – In Ch 1	QT3	15	QT3:J (0x19)	P3 Out 16-31
16	FM009	JP3 – In Ch 2	QT3	14	QT3:I (0x18)	P3 Out 0-15
16	FM009	JP8 – In Ch 3	QT3	14	QT3:I (0x18)	P3 Out 16-31
16	FM009	JP4 – In Ch 4	QT3	13	QT3:H (0x17)	P3 Out 0-15
16	FM009	JP9 – In Ch 5	QT3	13	QT3:H (0x17)	P3 Out 16-31
16	FM009	JP5 – In Ch 6	QT3	12	QT3:G (0x16)	P3 Out 0-15
16	FM009	JP10 – In Ch 7	QT3	12	QT3:G (0x16)	P3 Out 16-31
16	FM009	JP11 – RC & Control	FMS	3:2A	RCF 0X25	
16	FM009	JP13 – Chain Block In	FMS	15	FM103	JP12 - Chain Block Out
17	FM010	JP2 – In Ch 0	QT3	11	QT3:F (0x15)	P3 Out 0-15
17	FM010	JP7 – In Ch 1	QT3	11	QT3:F (0x15)	P3 Out 16-31
17	FM010	JP3 – In Ch 2	QT3	10	QT3:E (0x14)	P3 Out 0-15
17	FM010	JP8 – In Ch 3	QT3	10	QT3:E (0x14)	P3 Out 16-31
17	FM010	JP4 – In Ch 4				
17	FM010	JP9 – In Ch 5				
17	FM010	JP5 – In Ch 6				
17	FM010	JP10 – In Ch 7				
17	FM010	JP11 – RC & Control	FMS	3:2B	RCF 0X25	
17	FM010	JP13 – Chain Block In	FMS	16	FM009	JP12 - Chain Block Out
18	FM011	JP2 – In Ch 0	QT4	15	QT4:J (0x19)	P3 Out 0-15
18	FM011	JP7 – In Ch 1	QT4	15	QT4:J (0x19)	P3 Out 16-31
18	FM011	JP3 – In Ch 2	QT4	14	QT4:I (0x18)	P3 Out 0-15
18	FM011	JP8 – In Ch 3	QT4	14	QT4:I (0x18)	P3 Out 16-31
18	FM011	JP4 – In Ch 4	QT4	13	QT4:H (0x17)	P3 Out 0-15
18	FM011	JP9 – In Ch 5	QT4	13	QT4:H (0x17)	P3 Out 16-31

18	FM011	JP5 – In Ch 6	QT4	12	QT4:G (0x16)	P3 Out 0-15
18	FM011	JP10 – In Ch 7	QT4	12	QT4:G (0x16)	P3 Out 16-31
18	FM011	JP11 – RC & Control	FMS	3:7A	RCF 0X25	
18	FM011	JP13 – Chain Block In	FMS	17	FM010	JP12 - Chain Block Out
19	FM012	JP2 – In Ch 0	QT4	11	QT4:F (0x15)	P3 Out 0-15
19	FM012	JP7 – In Ch 1	QT4	11	QT4:F (0x15)	P3 Out 16-31
19	FM012	JP3 – In Ch 2	QT4	10	QT4:E (0x14)	P3 Out 0-15
19	FM012	JP8 – In Ch 3	QT4	10	QT4:E (0x14)	P3 Out 16-31
19	FM012	JP4 – In Ch 4				
19	FM012	JP9 – In Ch 5				
19	FM012	JP5 – In Ch 6				
19	FM012	JP10 – In Ch 7				
19	FM012	JP11 – RC & Control	FMS	3:7B	RCF 0X25	
19	FM012	JP13 – Chain Block In	FMS	18	FM011	JP12 - Chain Block Out
20	FM104	JP2 – In Ch 0	FMS	16	FMS 0x1a	JP1 - Out 0-15
20	FM104	JP7 – In Ch 1	FMS	16	FMS 0x1a	JP6 - Out 16-31
20	FM104	JP3 – In Ch 2	FMS	17	FMS 0x1b	JP1 – Out 0-15
20	FM104	JP8 – In Ch 3	FMS	17	FMS 0x1b	JP6 – Out 16-31
20	FM104	JP4 – In Ch 4	FMS	18	FMS 0x1c	JP1 – Out 0-15
20	FM104	JP9 – In Ch 5	FMS	18	FMS 0x1c	JP6 – Out 16-31
20	FM104	JP5 – In Ch 6	FMS	19	FMS 0x1d	JP1- Out 0-15
20	FM104	JP10 – In Ch 7	FMS	19	FMS 0x1d	JP6 - Out 16-31
20	FM104	JP11 – RC & Control	FMS	3:6A	RCF 0X25	
20	FM104	JP13 – Chain Block In	FMS	19	FM012	JP12 - Chain Block Out