

## STAR L1 Crate Cable Map

February 7, 2019

VME Slot	Source	RCF2 Output Connector	Output Crate	Output Slot	Output module Adrs #
	V124	J1	1A3-MAU		Blue Clock
3 (0x25003C)	RCC2	Ch0a	BC1	3	BC1-RCC2
3 (0x25003C)	RCC2	Ch0b	FMS	3	FMS-RCC2
3 (0x250040)	RCC2	Ch1a	BCE	3	BCE-RCC2
3 (0x250040)	RCC2	Ch1b	BCW	3	BCW-RCC2
3 (0x250044)	RCC2	Ch2a			
3 (0x250044)	RCC2	Ch2b	L1	21	TCUR
3 (0x250048)	RCC2	Ch3a	L1	13	BX201
3 (0x250048)	RCC2	Ch3b	L1	16	ST201
3 (0x25004C)	RCC2	Ch4a	L1	6	TF201
3 (0x25004C)	RCC2	Ch4b	L1	8	VT201
3 (0x250050)	RCC2	Ch5a	L1	12	DQ301
3 (0x250050)	RCC2	Ch5b	RAT		
3 (0x250054)	RCC2	Ch6a	BBC	3	BBC-RCC2
3 (0x250054)	RCC2	Ch6b	BBQ	3	BBQ-RCC2
3 (0x250058)	RCC2	Ch7a	MIX	3	MIX-RCC2
3 (0x250058)	RCC2	Ch7b	MXQ	3	MXQ-RCC2
3 (0x25005C)	RCC2	Ch8a	L1	14	BX202
3 (0x25005C)	RCC2	Ch8b	L1	20	TCU
3 (0x250060)	RCC2	Ch9a	L1	10	EM201
3 (0x250060)	RCC2	Ch9b	L1	18	FP201

DSM Slot	DSM Adrs	DSMI/TCUI Input Connector	Crate	Input Slot	Input module Adrs #	DIB/DSMI/RCF Output
6	TF201	JP2 – In Ch 0	MIX	6	MT101	JP1 - Out 0-15
6	TF201	JP7 – In Ch 1	MIX	6	MT101	JP6 - Out 16-31
6	TF201	JP3 – In Ch 2	MIX	8	TF101	JP1 - Out 0-15
6	TF201	JP8 – In Ch 3	MIX	8	TF101	JP6 - Out 16-31
6	TF201	JP4 – In Ch 4	MXQ	8	PP001	P3 Out 0-15
6	TF201	JP9 – In Ch 5	MXQ	8	PP001	P3 Out 16-31
6	TF201	JP5 – In Ch 6				
6	TF201	JP10 – In Ch 7				
6	TF201	JP11 – RC & Control	L1	3	RCF2	CH 4-A
6	TF201	JP13 – Chain Block In				

8	VT201	JP2 – In Ch 0	BBC	6	BB101	JP6 - Out 16-31
8	VT201	JP7 – In Ch 1	BBC	8	EP101	JP6 - Out 16-31
8	VT201	JP3 – In Ch 2	BBC	10	ZD101	JP6 – Out 16-31
8	VT201	JP8 – In Ch 3	N/A	N/A	N/A	N/A
8	VT201	JP4 – In Ch 4	BBC	12	VP101	JP1 - Out 0-15
8	VT201	JP9 – In Ch 5	BBC	15	EP102	JP1- Out 0-15
8	VT201	JP5 – In Ch 6	N/A	N/A	N/A	N/A
8	VT201	JP10 – In Ch 7	N/A	N/A	N/A	N/A
8	VT201	JP11 – RC & Control	L1	3	RCF2	CH 4-B
8	VT201	JP13 – Chain Block In	L1	6	TF201	JP12 – Chain Block Out
10	EM201	JP2 – In Ch 0	BEMC	5	BC101	JP1 - Out 0-15
10	EM201	JP7 – In Ch 1	BEMC	6	BC102	JP1 - Out 0-15
10	EM201	JP3 – In Ch 2	BEMC	7	BC103	JP1 - Out 0-15
10	EM201	JP8 – In Ch 3	BEMC	8	BC104	JP1 - Out 0-15
10	EM201	JP4 – In Ch 4	BEMC	9	BC105	JP1 - Out 0-15
10	EM201	JP9 – In Ch 5	BEMC	10	BC106	JP1 - Out 0-15
10	EM201	JP5 – In Ch 6	EEMC	11	EE101	JP1 - Out 0-15
10	EM201	JP10 – In Ch 7	EEMC	12	EE102	JP1 - Out 0-15
10	EM201	JP11 – RC & Control	L1	3	RCF2	CH 9-A
10	EM201	JP13 – Chain Block In	L1	8	VT201	JP12 – Chain Block Out
12	DQ301	JP2 – In Ch 0	MIX	19	EM202	JP1 - Out 0-11
12	DQ301	JP7 – In Ch 1	MIX	19	EM202	JP6 - Out 12-23
12	DQ301	JP3 – In Ch 2	MIX	20	MT201	JP1 - Out 0-11
12	DQ301	JP8 – In Ch 3	MIX	20	MT201	JP6 - Out 12-23
12	DQ301	JP4 – In Ch 4	MIX	21	TF202	JP1 - Out 0-11
12	DQ301	JP9 – In Ch 5	MIX	21	TF201	JP6 - Out 12-23
12	DQ301	JP5 – In Ch 6	MIX			

12	DQ301	JP14 – In Ch7	MIX			
12	DQ301	JP10 – In Ch8	L1	21	TCUI	JP1 – Out 20-23,&gnd
12	DQ301	JP15 – In Ch 9				
12	DQ301	JP11 – RC & Control	L1	3	RCF2	J3 – CH 9-B
12	DQ301	JP13 – Chain Block In	L1	10	EM201	JP12 – Chain Block Out
13	BX201	JP7 – In Ch 1	L1	14	BX202	JP6 - Out 16-31
13	BX201	JP3 – In Ch 2	SSPP	?	?	JP?
13	BX201	JP8 – In Ch 3	N/A	N/A	N/A	N/A
13	BX201	JP4 – In Ch 4	N/A	N/A	N/A	N/A
13	BX201	JP9 – In Ch 5	N/A	N/A	N/A	N/A
13	BX201	JP5 – In Ch 6	N/A	N/A	N/A	N/A
13	BX201	JP10 – In Ch 7	N/A	N/A	N/A	N/A
13	BX201	JP11 – RC & Control	L1	3	RCF2	CH 3-A
13	BX201	JP13 – Chain Block In	L1	12	DQ301	JP12 – Chain Block Out
14	BX202	JP2 – In Ch 0	L1	12	BX201	JP1 - Out 0-15
14	BX202	JP7 – In Ch 1	L1	12	BX201	JP6 - Out 16-31
14	BX202	JP3 – In Ch 2	N/A	N/A	N/A	N/A
14	BX202	JP8 – In Ch 3	N/A	N/A	N/A	N/A
14	BX202	JP4 – In Ch 4	N/A	N/A	N/A	N/A
14	BX202	JP9 – In Ch 5	N/A	N/A	N/A	N/A
14	BX202	JP5 – In Ch 6	N/A	N/A	N/A	N/A
14	BX202	JP10 – In Ch 7	SSPP	?	?	JP?
14	BX202	JP11 – RC & Control	L1	3	RCF2	CH 8-A
14	BX202	JP13 – Chain Block In	L1	12	BX201	JP12 – Chain Block Out
16	ST201	JP2 – In Ch 0	TCD	6-9	?	?

16	ST201	JP7 – In Ch 1	TCD	10-13	?	?
16	ST201	JP3 – In Ch 2	TCD	14-17	?	?
16	ST201	JP8 – In Ch 3	TCD	18-21	?	?
16	ST201	JP4 – In Ch 4	N/A	N/A	N/A	N/A
16	ST201	JP9 – In Ch 5	N/A	N/A	N/A	N/A
16	ST201	JP5 – In Ch 6	N/A	N/A	N/A	N/A
16	ST201	JP10 – In Ch 7	N/A	N/A	N/A	N/A
16	ST201	JP11 – RC & Control	L1	3	RCF2	CH 3-B
16	ST201	JP13 – Chain Block In	L1	14	BX202	JP12 – Chain Block Out
18	FP201	JP2 – In Ch 0	FMS	10	FM102	JP1 - Out 0-15
18	FP201	JP7 – In Ch 1	FMS	10	FM102	JP6 - Out 16-31
18	FP201	JP3 – In Ch 2	FMS	15	FM103	JP1 - Out 0-15
18	FP201	JP8 – In Ch 3	FMS	15	FM103	JP6 - Out 16-31
18	FP201	JP4 – In Ch 4	FMS	20	FM104	JP1 - Out 0-15
18	FP201	JP9 – In Ch 5	FMS	20	FM104	JP6 - Out 16-31
18	FP201	JP5 – In Ch 6	FMS	7	FM101	JP1 - Out 0-15
18	FP201	JP10 – In Ch 7	FMS	7	FM101	JP6 - Out 16=31
18	FP201	JP11 – RC & Control	L1	3	RCF2	CH 2-A
18	FP201	JP13 – Chain Block In	L1	16	ST201	JP12 – Chain Block Out
20	TCU	JP2 – In Ch 0	L1	6	TF201	JP1 - Out 0-15
20	TCU	JP7 – In Ch 1	L1	8	VT201	JP1 - Out 0-15
20	TCU	JP3 – In Ch 2	L1	6	TF201	JP6 - Out 16-31
20	TCU	JP8 – In Ch 3	L1	10	EM201	JP1 – Out 0-15
20	TCU	JP4 – In Ch 4	SSPP	?	?	JP?
20	TCU	JP9 – In Ch 5	L1	18	FP201	JP1 – Out 0-15
20	TCU	JP5 – In Ch 6	L1	16	ST201	JP1 – Out 0-15
20	TCU	JP10 – In Ch 7	N/A	N/A	N/A	N/A

20	TCU	JP11 – RC & Control	L1	3	RCF2	CH 8-B
20	TCU	JP13 – Chain Block In	L1	18	FP201	JP12 – Chain Block Out
21	TCUR	JP2	L1	13	33	JP1 – Out 0-15
21	TCUR	JP4	TCD	3	PDC	J1
21	TCUR	JP5	L1	3	RCF2	CH 2-B
21	TCUR	JP6	TCD	3	PDC	J2
21	TCUR	JP7	TCD	3	PDC	J3
21	TCUR	JP8	TCD	3	PDC	J4