

# STAR BBQ Crate Cable Map

November 15, 2017

VME Slot	Source	RFC2 Output Connector	Output Crate	Output Slot	Output module Adrs #
	L1_RCF2	J10	L1	Ch6b	
3 (0x25003C)	RCC2	Ch0a		3	
3 (0x25003C)	RCC2	Ch0b			
3 (0x250040)	RCC2	Ch1a	BBQ	21	BBQ-BOC
3 (0x250040)	RCC2	Ch1b			
3 (0x250044)	RCC2	Ch2a	VPD-TAC	12	VPD-TAC
3 (0x250044)	RCC2	Ch2b		13	
3 (0x250048)	RCC2	Ch3a		9	
3 (0x250048)	RCC2	Ch3b		10	
3 (0x25004C)	RCC2	Ch4a		6	
3 (0x25004C)	RCC2	Ch4b		7	
3 (0x250050)	RCC2	Ch5a			
3 (0x250050)	RCC2	Ch5b			
3 (0x250054)	RCC2	Ch6a	BBC-TAC	3	BBC-TAC
3 (0x250054)	RCC2	Ch6b			
3 (0x250058)	RCC2	Ch7a	ZDC-TAC	15	
3 (0x250058)	RCC2	Ch7b			
3 (0x25005C)	RCC2	Ch8a		16	EP003
3 (0x25005C)	RCC2	Ch8b			
3 (0x250060)	RCC2	Ch9a			
3 (0x250060)	RCC2	Ch9b			

VMESlot (adrs)	board label	Input Connector	Input Crate	Input description
5	TLA	J8	ZDC	ZDC East
5	TLA	J7	ZDC	ZDC West
5	TLA	J6	ZDC	ZDC E&W
6 (0x10)	BB001	QT8A-J1 (ch1)	BBC	E1 - east small tile ADC
6 (0x10)	BB001	QT8A-J2 (ch2)	BBC	E7 - east small tile ADC
6 (0x10)	BB001	QT8A-J3 (ch3)	BBC	E8 - east small tile ADC
6 (0x10)	BB001	QT8A-J4 (ch4)	BBC	E2 - east small tile ADC
6 (0x10)	BB001	QT8A-J5 (ch5)	BBC	E1 - east small tile TAC
6 (0x10)	BB001	QT8A-J6 (ch6)	BBC	E7 - east small tile TAC
6 (0x10)	BB001	QT8A-J7 (ch7)	BBC	E8 - east small tile TAC
6 (0x10)	BB001	QT8A-J8 (ch8)	BBC	E2 - east small tile TAC
6 (0x10)	BB001	QT8B-J1 (ch9)	BBC	E3 - east small tile ADC
6 (0x10)	BB001	QT8B-J2 (ch10)	BBC	E9 - east small tile ADC
6 (0x10)	BB001	QT8B-J3 (ch11)	BBC	E10 - east small tile ADC
6 (0x10)	BB001	QT8B-J4 (ch12)	BBC	E11 - east small tile ADC
6 (0x10)	BB001	QT8B-J5 (ch13)	BBC	E3 - east small tile TAC
6 (0x10)	BB001	QT8B-J6 (ch14)	BBC	E9 - east small tile TAC
6 (0x10)	BB001	QT8B-J7 (ch15)	BBC	E10 - east small tile TAC
6 (0x10)	BB001	QT8B-J8 (ch16)	BBC	E11 - east small tile TAC
6 (0x10)	BB001	QT8C-J1 (ch17)	BBC	E4 - east small tile ADC
6 (0x10)	BB001	QT8C-J2 (ch18)	BBC	E12 - east small tile ADC
6 (0x10)	BB001	QT8C-J3 (ch19)	BBC	E13 - east small tile ADC
6 (0x10)	BB001	QT8C-J4 (ch20)	BBC	E5 - east small tile ADC
6 (0x10)	BB001	QT8C-J5 (ch21)	BBC	E4 - east small tile TAC
6 (0x10)	BB001	QT8C-J6 (ch22)	BBC	E12 - east small tile TAC

6 (0x10)	BB001	QT8C-J7 (ch23)	BBC	E13 – east small tile TAC
6 (0x10)	BB001	QT8C-J8 (ch24)	BBC	E5 – east small tile TAC
6 (0x10)	BB001	QT8D-J1 (ch25)	BBC	E6 - east small tile ADC
6 (0x10)	BB001	QT8D-J2 (ch26)	BBC	E14– east small tile ADC
6 (0x10)	BB001	QT8D-J3 (ch27)	BBC	E15– east small tile ADC
6 (0x10)	BB001	QT8D-J4 (ch28)	BBC	E16- east small tile TAC
6 (0x10)	BB001	QT8D-J5 (ch29)	BBC	E6 - east small tile TAC
6 (0x10)	BB001	QT8D-J6 (ch30)	BBC	E14 – east small tile TAC
6 (0x10)	BB001	QT8D-J7 (ch31)	BBC	E15 – east small tile TAC
6 (0x10)	BB001	QT8D-J8 (ch32)	BBC	E16 - east small tile ADC
8 (0x12)	BB002	QT8A-J1 (ch1)	BBC	W1 - west small tile ADC
8 (0x12)	BB002	QT8A-J2 (ch2)	BBC	W7 - west small tile ADC
8 (0x12)	BB002	QT8A-J3 (ch3)	BBC	W8 – west small tile ADC
8 (0x12)	BB002	QT8A-J4 (ch4)	BBC	W2 – west small tile ADC
8 (0x12)	BB002	QT8A-J5 (ch5)	BBC	W1 - west small tile TAC
8 (0x12)	BB002	QT8A-J6 (ch6)	BBC	W7 - west small tile TAC
8 (0x12)	BB002	QT8A-J7 (ch7)	BBC	W8– west small tile TAC
8 (0x12)	BB002	QT8A-J8 (ch8)	BBC	W2 – west small tile TAC
8 (0x12)	BB002	QT8B-J1 (ch9)	BBC	W3 - west small tile ADC
8 (0x12)	BB002	QT8B-J2 (ch10)	BBC	W9 - west small tile ADC
8 (0x12)	BB002	QT8B-J3 (ch11)	BBC	W10– west small tile ADC
8 (0x12)	BB002	QT8B-J4 (ch12)	BBC	W11– west small tile ADC
8 (0x12)	BB002	QT8B-J5 (ch13)	BBC	W3 - west small tile TAC
8 (0x12)	BB002	QT8B-J6 (ch14)	BBC	W9 - west small tile TAC
8 (0x12)	BB002	QT8B-J7 (ch15)	BBC	W10– west small tile TAC
8 (0x12)	BB002	QT8B-J8 (ch16)	BBC	W11– west small tile TAC
8 (0x12)	BB002	QT8C-J1 (ch17)	BBC	W4 - west small tile ADC
8 (0x12)	BB002	QT8C-J2 (ch18)	BBC	W12 - west small tile ADC
8 (0x12)	BB002	QT8C-J3 (ch19)	BBC	W13 – west small tile ADC
8 (0x12)	BB002	QT8C-J4 (ch20)	BBC	W5 – west small tile ADC
8 (0x12)	BB002	QT8C-J5 (ch21)	BBC	W4 - west small tile TAC
8 (0x12)	BB002	QT8C-J6 (ch22)	BBC	W12 - west small tile TAC
8 (0x12)	BB002	QT8C-J7 (ch23)	BBC	W13 – west small tile TAC
8 (0x12)	BB002	QT8C-J8 (ch24)	BBC	W5 – west small tile TAC
8 (0x12)	BB002	QT8D-J1 (ch25)	BBC	W6 - west small tile ADC
8 (0x12)	BB002	QT8D-J2 (ch26)	BBC	W14– west small tile ADC
8 (0x12)	BB002	QT8D-J3 (ch27)	BBC	W15– west small tile ADC
8 (0x12)	BB002	QT8D-J4 (ch28)	BBC	W16- west small tile TAC
8 (0x12)	BB002	QT8D-J5 (ch29)	BBC	W6 - west small tile TAC
8 (0x12)	BB002	QT8D-J6 (ch30)	BBC	W14 – west small tile TAC
8 (0x12)	BB002	QT8D-J7 (ch31)	BBC	W15 – west small tile TAC
8 (0x12)	BB002	QT8D-J8 (ch32)	BBC	W16 - west small tile ADC
10 (0x14)	BB003	QT8A-J1 (ch1)	BBC	E17 - east large tile ADC
10 (0x14)	BB003	QT8A-J2 (ch2)	BBC	E18 - east large tile ADC
10 (0x14)	BB003	QT8A-J3 (ch3)	BBC	E19 – east large tile ADC
10 (0x14)	BB003	QT8A-J4 (ch4)	BBC	E20 – east large tile ADC
10 (0x14)	BB003	QT8A-J5 (ch5)	BBC	E17 - east large tile TAC
10 (0x14)	BB003	QT8A-J6 (ch6)	BBC	E18 - east large tile TAC
10 (0x14)	BB003	QT8A-J7 (ch7)	BBC	E19 – east large tile TAC
10 (0x14)	BB003	QT8A-J8 (ch8)	BBC	E20 – east large tile TAC
10 (0x14)	BB003	QT8B-J1 (ch9)	BBC	E21 - east large tile ADC
10 (0x14)	BB003	QT8B-J2 (ch10)	BBC	E22 - east large tile ADC
10 (0x14)	BB003	QT8B-J3 (ch11)	BBC	E23– east large tile ADC
10 (0x14)	BB003	QT8B-J4 (ch12)	BBC	E24– east large tile ADC

10 (0x14)	BB003	QT8B-J5 (ch13)	BBC	E21 - east large tile TAC
10 (0x14)	BB003	QT8B-J6 (ch14)	BBC	E22 - east large tile TAC
10 (0x14)	BB003	QT8B-J7 (ch15)	BBC	E23 - east large tile TAC
10 (0x14)	BB003	QT8B-J8 (ch16)	BBC	E24 - east large tile TAC
10 (0x14)	BB003	QT8A-J1 (ch17)	BBC	W17 - west large tile ADC
10 (0x14)	BB003	QT8A-J2 (ch18)	BBC	W18 - west large tile ADC
10 (0x14)	BB003	QT8A-J3 (ch19)	BBC	W19 - west large tile ADC
10 (0x14)	BB003	QT8A-J4 (ch20)	BBC	W20 - west large tile ADC
10 (0x14)	BB003	QT8A-J5 (ch21)	BBC	W17 - west large tile TAC
10 (0x14)	BB003	QT8A-J6 (ch22)	BBC	W18 - west large tile TAC
10 (0x14)	BB003	QT8A-J7 (ch23)	BBC	W19 - west large tile TAC
10 (0x14)	BB003	QT8A-J8 (ch24)	BBC	W20 - west large tile TAC
10 (0x14)	BB003	QT8B-J1 (ch25)	BBC	W21 - west large tile ADC
10 (0x14)	BB003	QT8B-J2 (ch26)	BBC	W22 - west large tile ADC
10 (0x14)	BB003	QT8B-J3 (ch27)	BBC	W23 - west large tile ADC
10 (0x14)	BB003	QT8B-J4 (ch28)	BBC	W24 - west large tile ADC
10 (0x14)	BB003	QT8B-J5 (ch29)	BBC	W21 - west large tile TAC
10 (0x14)	BB003	QT8B-J6 (ch30)	BBC	W22 - west large tile TAC
10 (0x14)	BB003	QT8B-J7 (ch31)	BBC	W23 - west large tile TAC
10 (0x14)	BB003	QT8B-J8 (ch32)	BBC	W24 - west large tile TAC
12 (0x16)	VP001	QT8A-J1 (ch1)	VPD	VPDE1 ADC (LO threshold)
12 (0x16)	VP001	QT8A-J2 (ch2)	VPD	VPDE2 ADC (LO threshold)
12 (0x16)	VP001	QT8A-J3 (ch3)	VPD	VPDE3 ADC (LO threshold)
12 (0x16)	VP001	QT8A-J4 (ch4)	VPD	VPDE4 ADC (LO threshold)
12 (0x16)	VP001	QT8A-J5 (ch5)	VPD	VPDE1 TAC (LO threshold)
12 (0x16)	VP001	QT8A-J6 (ch6)	VPD	VPDE2 TAC (LO threshold)
12 (0x16)	VP001	QT8A-J7 (ch7)	VPD	VPDE3 TAC (LO threshold)
12 (0x16)	VP001	QT8A-J8 (ch8)	VPD	VPDE4 TAC (LO threshold)
12 (0x16)	VP001	QT8B-J1 (ch9)	VPD	VPDE7 ADC (LO threshold)
12 (0x16)	VP001	QT8B-J2 (ch10)	VPD	VPDE8 ADC (LO threshold)
12 (0x16)	VP001	QT8B-J3 (ch11)	VPD	VPDE14 ADC (LO threshold)
12 (0x16)	VP001	QT8B-J4 (ch12)	VPD	VPDE15 ADC (LO threshold)
12 (0x16)	VP001	QT8B-J5 (ch13)	VPD	VPDE7 TAC (LO threshold)
12 (0x16)	VP001	QT8B-J6 (ch14)	VPD	VPDE8 TAC (LO threshold)
12 (0x16)	VP001	QT8B-J7 (ch15)	VPD	VPDE14 TAC (LO threshold)
12 (0x16)	VP001	QT8B-J8 (ch16)	VPD	VPDE15 TAC (LO threshold)
12 (0x16)	VP001	QT8A-J1 (ch17)	VPD	VPDE6 ADC (LO threshold)
12 (0x16)	VP001	QT8A-J2 (ch18)	VPD	VPDE12 ADC (LO threshold)
12 (0x16)	VP001	QT8A-J3 (ch19)	VPD	VPDE13 ADC (LO threshold)
12 (0x16)	VP001	QT8A-J4 (ch20)	VPD	VPDE5 ADC (LO threshold)
12 (0x16)	VP001	QT8A-J5 (ch21)	VPD	VPDE6 TAC (LO threshold)
12 (0x16)	VP001	QT8A-J6 (ch22)	VPD	VPDE12 TAC (LO threshold)
12 (0x16)	VP001	QT8A-J7 (ch23)	VPD	VPDE13 TAC (LO threshold)
12 (0x16)	VP001	QT8A-J8 (ch24)	VPD	VPDE5 TAC (LO threshold)
12 (0x16)	VP001	QT8B-J1 (ch25)	VPD	VPDE16 ADC (LO threshold)
12 (0x16)	VP001	QT8B-J2 (ch26)	VPD	VPDE9 ADC (LO threshold)
12 (0x16)	VP001	QT8B-J3 (ch27)	VPD	VPDE10 ADC (LO threshold)
12 (0x16)	VP001	QT8B-J4 (ch28)	VPD	VPDE11 ADC (LO threshold)
12 (0x16)	VP001	QT8B-J5 (ch29)	VPD	VPDE16 TAC (LO threshold)
12 (0x16)	VP001	QT8B-J6 (ch30)	VPD	VPDE9 TAC (LO threshold)
12 (0x16)	VP001	QT8B-J7 (ch31)	VPD	VPDE10 TAC (LO threshold)
12 (0x16)	VP001	QT8B-J8 (ch32)	VPD	VPDE11 TAC (LO threshold)
14 (0x18)	VP002	QT8A-J1 (ch1)	VPD	VPDW1 ADC (LO threshold)
14 (0x18)	VP002	QT8A-J2 (ch2)	VPD	VPDW2 ADC (LO threshold)

14 (0x18)	VP002	QT8A-J3 (ch3)	VPD	VPDW3 ADC (LO threshold)
14 (0x18)	VP002	QT8A-J4 (ch4)	VPD	VPDW4 ADC (LO threshold)
14 (0x18)	VP002	QT8A-J5 (ch5)	VPD	VPDW1 TAC (LO threshold)
14 (0x18)	VP002	QT8A-J6 (ch6)	VPD	VPDW2 TAC (LO threshold)
14 (0x18)	VP002	QT8A-J7 (ch7)	VPD	VPDW3 TAC (LO threshold)
14 (0x18)	VP002	QT8A-J8 (ch8)	VPD	VPDW4 TAC (LO threshold)
14 (0x18)	VP002	QT8B-J1 (ch9)	VPD	VPDW7 ADC (LO threshold)
14 (0x18)	VP002	QT8B-J2 (ch10)	VPD	VPDW8 ADC (LO threshold)
14 (0x18)	VP002	QT8B-J3 (ch11)	VPD	VPDW14 ADC (LO threshold)
14 (0x18)	VP002	QT8B-J4 (ch12)	VPD	VPDW15 ADC (LO threshold)
14 (0x18)	VP002	QT8B-J5 (ch13)	VPD	VPDW7 TAC (LO threshold)
14 (0x18)	VP002	QT8B-J6 (ch14)	VPD	VPDW8 TAC (LO threshold)
14 (0x18)	VP002	QT8B-J7 (ch15)	VPD	VPDW14 TAC (LO threshold)
14 (0x18)	VP002	QT8B-J8 (ch16)	VPD	VPDW15 TAC (LO threshold)
14 (0x18)	VP002	QT8A-J1 (ch17)	VPD	VPDW6 ADC (LO threshold)
14 (0x18)	VP002	QT8A-J2 (ch18)	VPD	VPDW12 ADC (LO threshold)
14 (0x18)	VP002	QT8A-J3 (ch19)	VPD	VPDW13 ADC (LO threshold)
14 (0x18)	VP002	QT8A-J4 (ch20)	VPD	VPDW5 ADC (LO threshold)
14 (0x18)	VP002	QT8A-J5 (ch21)	VPD	VPDW6 TAC (LO threshold)
14 (0x18)	VP002	QT8A-J6 (ch22)	VPD	VPDW12 TAC (LO threshold)
14 (0x18)	VP002	QT8A-J7 (ch23)	VPD	VPDW13 TAC (LO threshold)
14 (0x18)	VP002	QT8A-J8 (ch24)	VPD	VPDW5 TAC (LO threshold)
14 (0x18)	VP002	QT8B-J1 (ch25)	VPD	VPDW16 ADC (LO threshold)
14 (0x18)	VP002	QT8B-J2 (ch26)	VPD	VPDW9 ADC (LO threshold)
14 (0x18)	VP002	QT8B-J3 (ch27)	VPD	VPDW10 ADC (LO threshold)
14 (0x18)	VP002	QT8B-J4 (ch28)	VPD	VPDW11 ADC (LO threshold)
14 (0x18)	VP002	QT8B-J5 (ch29)	VPD	VPDW16 TAC (LO threshold)
14 (0x18)	VP002	QT8B-J6 (ch30)	VPD	VPDW9 TAC (LO threshold)
14 (0x18)	VP002	QT8B-J7 (ch31)	VPD	VPDW10 TAC (LO threshold)
14 (0x18)	VP002	QT8B-J8 (ch32)	VPD	VPDW11 TAC (LO threshold)
20 (0x1c)	ZD001	QT8A-J1 (ch1)	ZDC	E1 ADC
20 (0x1c)	ZD001	QT8A-J2 (ch2)	ZDC	E1A = E1 ADC (14dB)
20 (0x1c)	ZD001	QT8A-J3 (ch3)	ZDC	Esum ADC
20 (0x1c)	ZD001	QT8A-J4 (ch4)	ZDC	EsumA= E(sum) ADC (14dB)
20 (0x1c)	ZD001	QT8A-J5 (ch5)	ZDC	E1 TAC
20 (0x1c)	ZD001	QT8A-J6 (ch6)	ZDC	E1A TAC
20 (0x1c)	ZD001	QT8A-J7 (ch7)	ZDC	Esum TAC
20 (0x1c)	ZD001	QT8A-J8 (ch8)	ZDC	EsumA TAC
20 (0x1c)	ZD001	QT8B-J1 (ch9)	ZDC	E2 ADC
20 (0x1c)	ZD001	QT8B-J2 (ch10)	ZDC	E3 ADC
20 (0x1c)	ZD001	QT8B-J3 (ch11)	ZDC	E2A = E2 ADC (14dB)
20 (0x1c)	ZD001	QT8B-J4 (ch12)	ZDC	E+W A = E+W ADC (14dB)
20 (0x1c)	ZD001	QT8B-J5 (ch13)	ZDC	E2 TAC
20 (0x1c)	ZD001	QT8B-J6 (ch14)	ZDC	E3 TAC
20 (0x1c)	ZD001	QT8B-J7 (ch15)	ZDC	E2A TAC
20 (0x1c)	ZD001	QT8B-J8 (ch16)	ZDC	E+W A TAC
20 (0x1c)	ZD001	QT8A-J1 (ch17)	ZDC	W1 ADC
20 (0x1c)	ZD001	QT8A-J2 (ch18)	ZDC	W1A= W1 ADC (14dB)
20 (0x1c)	ZD001	QT8A-J3 (ch19)	ZDC	Wsum
20 (0x1c)	ZD001	QT8A-J4 (ch20)	ZDC	WsumA= W(sum) ADC (14dB)
20 (0x1c)	ZD001	QT8A-J5 (ch21)	ZDC	W1 TAC
20 (0x1c)	ZD001	QT8A-J6 (ch22)	ZDC	W1A TAC
20 (0x1c)	ZD001	QT8A-J7 (ch23)	ZDC	Wsum TAC
20 (0x1c)	ZD001	QT8A-J8 (ch24)	ZDC	WsumA TAC

20 (0x1c)	ZD001	QT8B-J1 (ch25)	ZDC	W2 ADC
20 (0x1c)	ZD001	QT8B-J2 (ch26)	ZDC	W3 ADC
20 (0x1c)	ZD001	QT8B-J3 (ch27)	ZDC	W2A = W2 ADC (14dB)
20 (0x1c)	ZD001	QT8B-J4 (ch28)	ZDC	
20 (0x1c)	ZD001	QT8B-J5 (ch29)	ZDC	W2 TAC
20 (0x1c)	ZD001	QT8B-J6 (ch30)	ZDC	W3 TAC
20 (0x1c)	ZD001	QT8B-J7 (ch31)	ZDC	W2A TAC
20 (0x1c)	ZD001	QT8B-J8 (ch32)	ZDC	
21	QT-BOC	VME P2 B6&7	RCC	Rhic Strobe
21	QT-BOC	VME P2 B16&17	RCC	Run Stop