



RS No: 249-8184

D2	D1	D0	MODE
0	0	0	0
0	0	1	1
0	1	0	2
0	1	1	3
1	0	0	4

* WHEN SET TO LOCAL, MODE SELECT ALLOWS THE USER TO CYCLE THROUGH THE 5 DIFFERENT MODES OF OPERATION VIA A PUSH BUTTON.

* WHEN SET TO REMOTE, MODE SELECT PUSH BUTTON IS DISABLED. THE DIFFERENT MODES OF OPERATION ARE PROGRAMMED SERIALLY USING THE CLOCK1 AND COM1 LINES (WITH RESET ASSERTED).

MODE	SELECT	OPERATION
0	0	BPM ENCODED CLK/COM ROUTED TO DORIC, ABCD DATA READ FROM VDC.
1	1	BPM ENCODED CLK/COM ROUTED TO DORIC AND THE BYPASS CLK/COM OUTPUTS FROM DORIC ARE THEN FEDBACK INTO MODULE VIA REDUNDANT CLK/COM INPUTS. OUTPUT DATA IS READ DIRECTLY FROM ABCds.
2	1	NON-BPM-ENCODED CLK/COM ARE FED DIRECTLY INTO MODULE VIA REDUNDANT CLK/COM INPUTS. OUTPUT DATA IS READ DIRECTLY FROM ABCds.
3	0	BPM ENCODED CLK/COM ROUTED TO DORIC BUT BPM- IS NOT ACTIVE, ABCD DATA READ FROM VDC.
4	0	BPM ENCODED CLK/COM ROUTED TO DORIC BUT BPM- IS NOT ACTIVE, ABCD DATA READ FROM VDC.

* DORIC SWITCHING CURRENTS: 60uA, 120uA, 250uA AND 500uA.