

Button	Port Main	Port Touch	B1	B2	B3	B4	B5	B6	Error 1	Error 2
Button 1	P9.6 & P1.1	P1.6	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON
Button 2	P9.5	P1.7	OFF	ON	OFF	OFF	OFF	OFF	ON	ON
Button 3	P9.4	P1.0	OFF	OFF	ON	OFF	OFF	OFF	ON	ON
Button 4	P9.3	P1.1	OFF	OFF	OFF	ON	OFF	OFF	ON	ON
Button 5	P9.2	P1.2	OFF	OFF	OFF	OFF	ON	OFF	ON	ON
Button 6	P9.1	P2.2	ON	ON	ON	ON	ON	ON	ON	ON

$$f(x) = \int_{-\infty}^{\infty} \hat{f}(\xi) e^{2\pi i \xi x} d\xi$$