The ornamental design for a remote key built in protective case for electronic device, as shown and described.

DESCRIPTION

FIG. 1 is a front elevation view of a remote key built in protective case for electronic device showing my new design;
FIG. 2 is a rear elevation view thereof;
FIG. 3 is a right side view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof;
FIG. 7 is a front perspective view thereof;
FIG. 8 is a back perspective view thereof;
FIG. 9 is an exploded rear perspective view thereof;
FIG. 10 is another exploded rear perspective view, shown with portions separated including a rear portion removed for clarity;
FIG. 11 is a front elevation view of remote, shown separately for clarity of illustration;
FIG. 12 is a rear elevation view of FIG. 11;
FIG. 13 is a right side view of FIG. 11;
FIG. 14 is a left side view of FIG. 11;
FIG. 15 is a top plan view of FIG. 11; and,
FIG. 16 is a bottom plan view of FIG. 11.
The broken lines indicate unclaimed portions and form no part of the claimed design.

1 Claim, 14 Drawing Sheets