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Overweight: Over the next six to twelve months, we expect this stock will outperform the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.

Neutral: Over the next six to twelve months, we expect this stock will perform in line with the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.

Underweight: Over the next six to twelve months, we expect this stock will under-perform the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.

Independent Research Ratings: JPMSI does not endorse or otherwise adopt the Independent Research Provider research and/or ratings. Different firms use a variety of ratings terms as well as different ratings systems to describe their recommendations. JPMSI uses a "relative" ratings system as described above. IRPs may use a different ratings system, such as an "absolute" ratings system and use such terms as "buy", "hold", or "sell". Since "relative" and "absolute" ratings systems are fundamentally different, you should read carefully the definitions of all ratings used in the JPMSI and IRP research that is included in the research itself. For this reason and since the research contains the basis for the ratings as well as complete information concerning the analyst's views, you should read carefully the research and not infer its contents from the rating alone.

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