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```
FUNCTION resolved ( s : std_ulogic_vector )
    RETURN std_ulogic IS
VARIABLE result : std_ulogic := 'D';-- weakest state default
BEGIN
IF (s'LENGTH = 1) THEN RETURN s(s'LOW);
ELSE -- Iterate through all inputs
FOR i IN s'RANGE LOOP
    result := resolution_table(result, s(i));
END LOOP; -- Return the resultant value
    RETURN result;
END IF;
END resolved;
```

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