

Hot spots in multicrystalline silicon solar cells: avalanche breakdown due to etch pits Jan-Martin Wagner 2009, physica status solidi (RRL) - Rapid Research Letters

We characterized strip-like shadows in cast multicrystalline silicon (mc-Si) ingots. Blocks and wafers were analyzed using scanning infrared microscopy, photoluminescence spectroscopy, laser scanning confocal microscopy, field-emission scanning electron microscopy, X-ray energy-dispersive spectrometry, and microwave photoconductivity decay technique. The ...

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I tested battery (+) to ground...about 12 volts. Battery terminal to terminal almost 13 volts. Then I tested Alternator battery (+) (the little red box attached to the alternator marked "battery (+)" to ground and got the same 12-ish volts. I then started the truck and ran the same alternator "battery (+)" to ground and got 14 volts.

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