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Intel Hex Record format

Data Record: ": nnaaattddddd... cc < c17 < 177 ' Contente ASCII colon indicates stort of data record Count of number of data bytes in record Load address of data record.

Record Appe (00-Data, 01-End of file) aiaa At ... Actual data bytes in record (two ASCII characters
per data byte) checksum of count, address, and data cc 2017 ASCII casifage return character <1> ASCII line feed character (OA her, 10 decimal) Note: The checksum is computed as the two's complement of the eight bit sum of all values from 'nn' to the end of data (last 'dd byte) Note 2: The end of file record contains a count of 00 and address of abook Motorola S-Record Format Data Revord: Stynnagaaddddddd....cc < cx> < lf>' feld Contants ASCII 's' indicates start of data record

Record type, 'i', '2', '3' = data '9'= end of file count of number of bytes in record.

Load address of data record.

Actual data bytes in record MM aaaa dd checksum of count, address and data ASCII earriage return character (OD hex) ASCII wire feed character. LUT 147

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Note: The checksum is computed as the one's complement the eight bit sum of all values from 'nn' to the end of data (last 'dd' byte). court 'nn' is those greater than the number of data byte in the record, since two bytes of · address and one lyte of checkens are included in the count. The end of Pile record contains a count of 3 and address of ocooh.