

|   |   |
|---|---|
| :03 0000 00 020800 F3                   | [Intel Hex Format: The 03 Bytes of Data 020800 is copied to Address 0000]                   |
| 02: LMJP codeAddr                       | [3 Bytes]   |
| 08:                                     | [Hex 0800 = Decimal 2048]   |
| 00:                                     |   |
|   |   |
| :0C 0800 00 787FE4F6D8FD75810702080C 33 | [Intel Hex Format: The 0C Bytes of Data 787FE4F6D8FD75810702080C is copied to Address 0800] |
| 78: MOV R0, #value                      | [2 Bytes]   |
| 7F:                                     | [Hex 7F = Decimal 127]  |
| E4: CLR A                               | [1 Byte]  |
| F6: MOV @R0, A                          | [1 Byte]  |
| D8: DJNZ R0, codeAddr                   | [2 Bytes]   |
| FD:                                     | [Hex FD = Binary 1111 1101 <- Take note of signed or unsigned binary]                       |
| 75: MOV dataAddr, #value                | [3 Bytes]   |
| 81:                                     | [SP Address]  |
| 07:                                     | [Hex 07 = Decimal 07]   |
| 02: LMJP codeAddr                       | [3 Bytes]   |
| 08:                                     | [Hex 080C = Decimal 2060]   |
| 0C:                                     |   |
|   |   |
| :09 080C 00 AF90EF24FF92A080F7 E9       | [Intel Hex Format: The 09 Bytes of Data AF90EF24FF92A080F7 is copied to Address 080C]       |
| AF: MOV R7, dataAddr                    | [2 Bytes]   |
| 90:                                     | [P1^0 Address]  |
| EF: MOV A, R7                           | [1 Byte]  |
| 24: ADD A, #value                       | [2 Bytes]   |
| FF:                                     | [Hex FF = Decimal 255]  |
| 92: MOV bitAddr, C                      | [2 Bytes]   |
| A0:                                     | [P2^0 Address]  |
| 80: SJMP codeAddr                       | [2 Bytes]   |
| F7:                                     | [Hex F7 = Decimal 247]  |
|   |   |
| :00 0000 01 FF                          | [Intel Hex Format: Record Type 01 Indicates End of Hex File]                                |