M771
Internal IOT Decoder

The M771 module contains combinational logic circuits to decode bits 6 through 13 of the Input/Output Transfer (IOT) instructions of the PDP-15.

The following are the input, output, and power characteristics of the M771 module.

INPUTS: The table below lists all input connections and the TTL unit loading they present.

Name	Pin	Loading
NOT INT DS00	A1	5
INT DS01	P2	4
INT DS02	D2	4
INT DS03	V2	6
INT DS04	U2	5
INT DS05	V1	5
INT SD00	M2	5
INT SD01	N1	4
INT IOP1	S2	4
INT IOP2	S1	4
INT IOP4	M1	4
INT IOP1	D1	1
MEM	F1	1

OUTPUTS: Each decoder output (except IOT 03XX pin P1) is capable of driving 10 unit loads. Pin P1 is capable of driving 7 unit loads.

POWER: The power dissipation of the M771 module is 5V at 74 mA.